

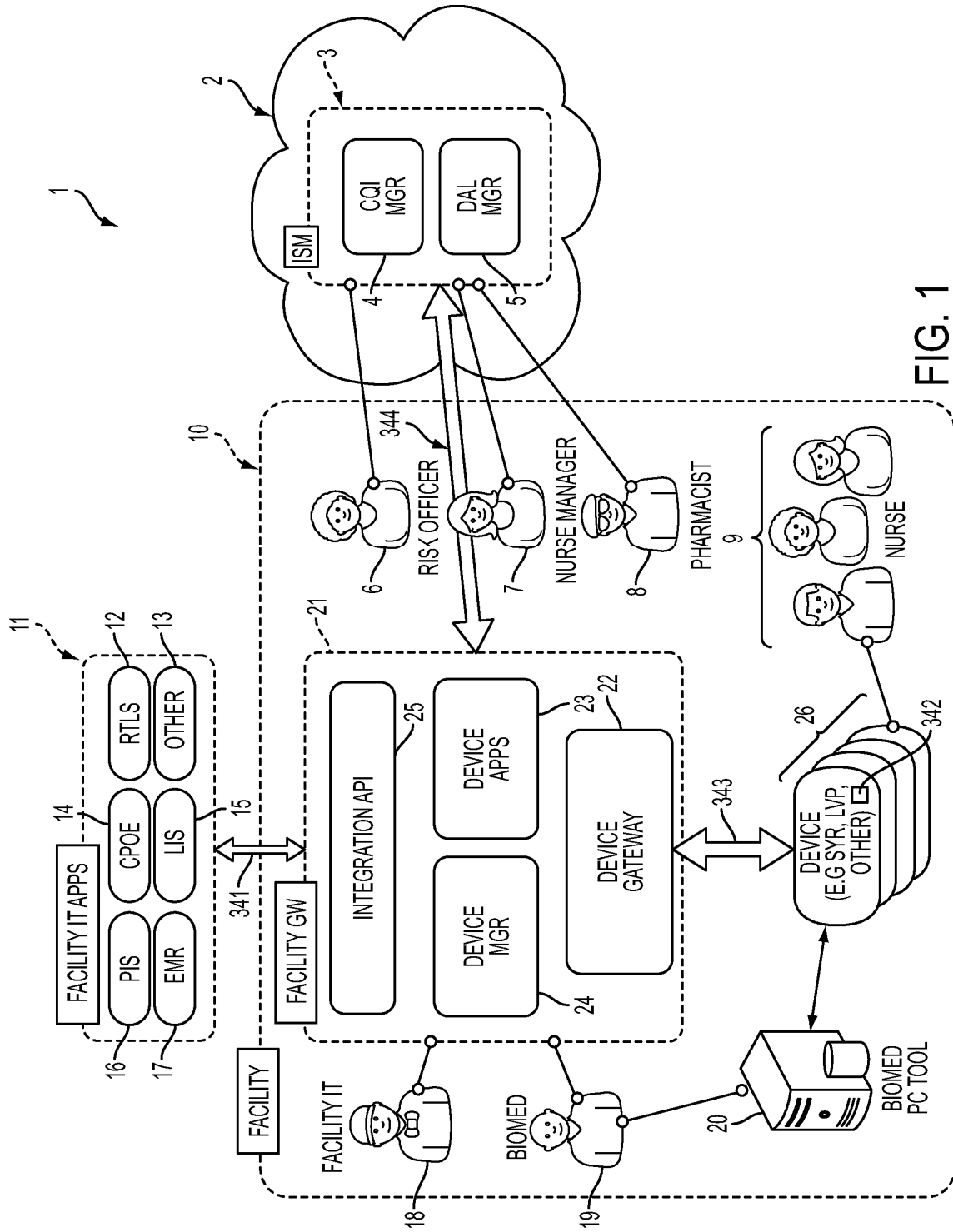


FIG. 1

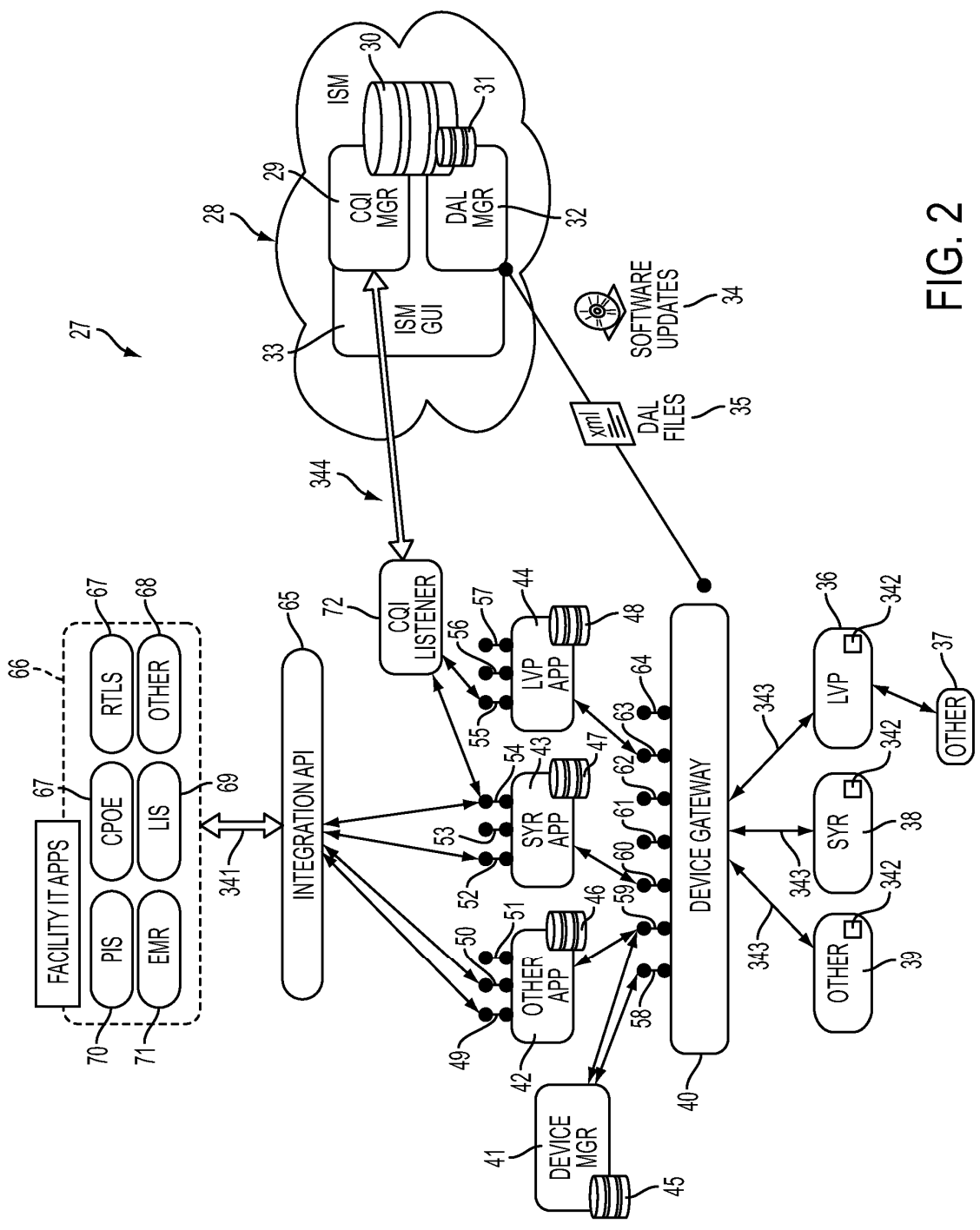


FIG. 2

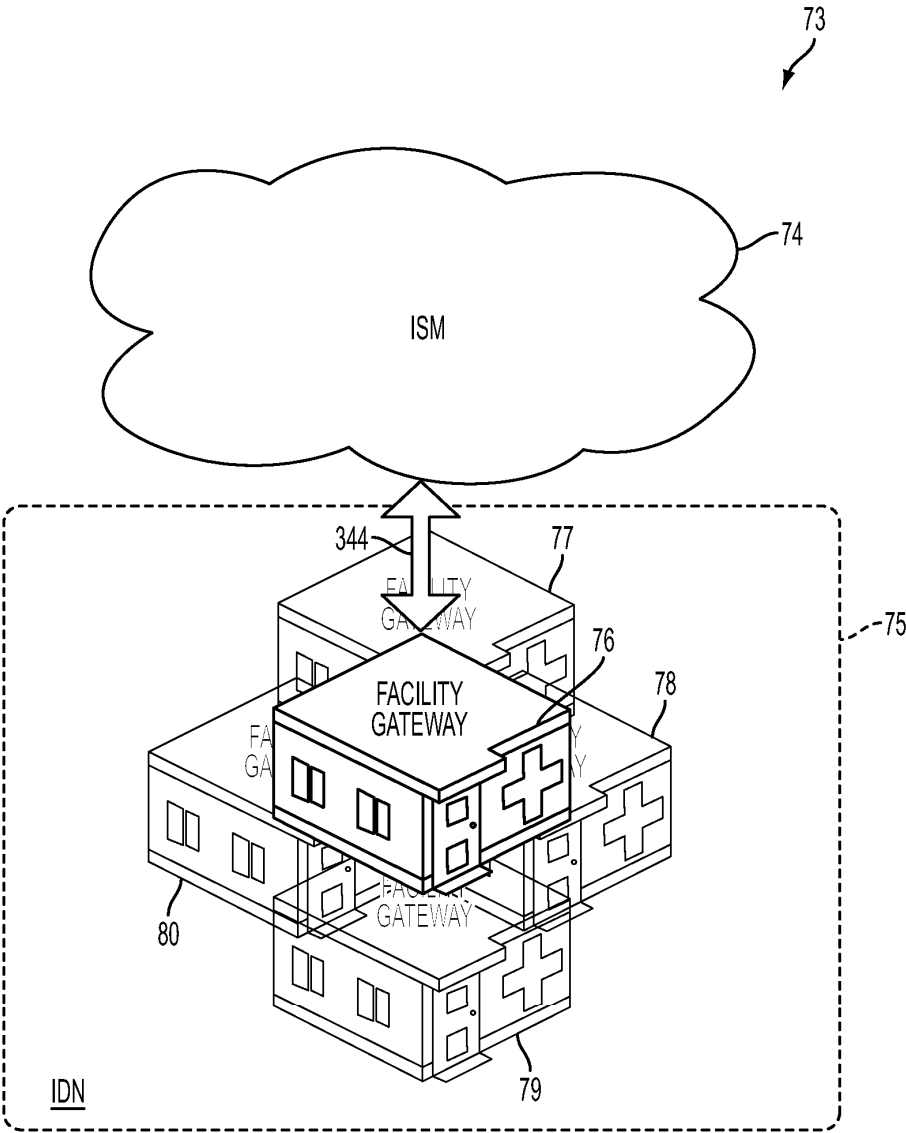


FIG. 3

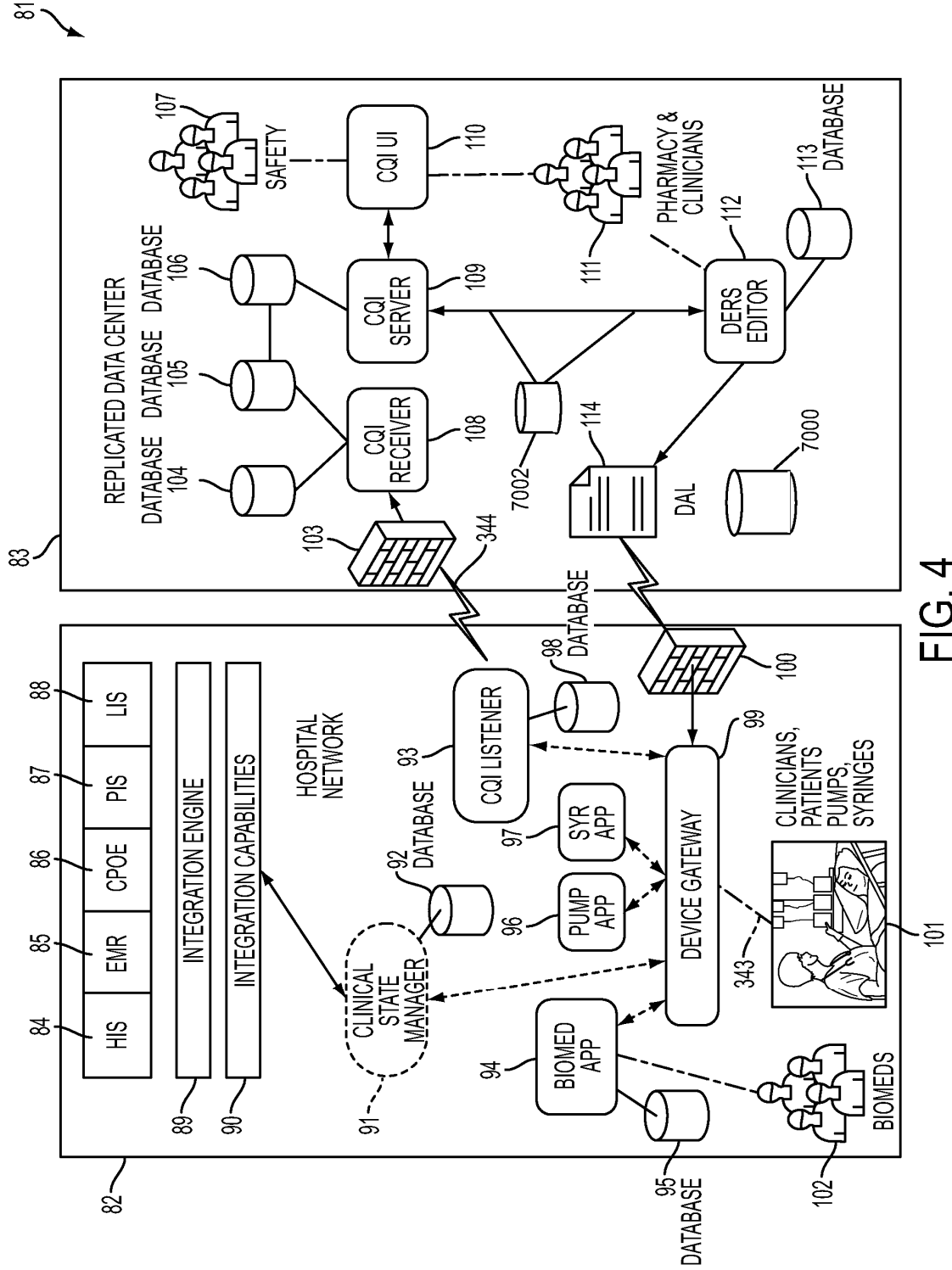


FIG. 4

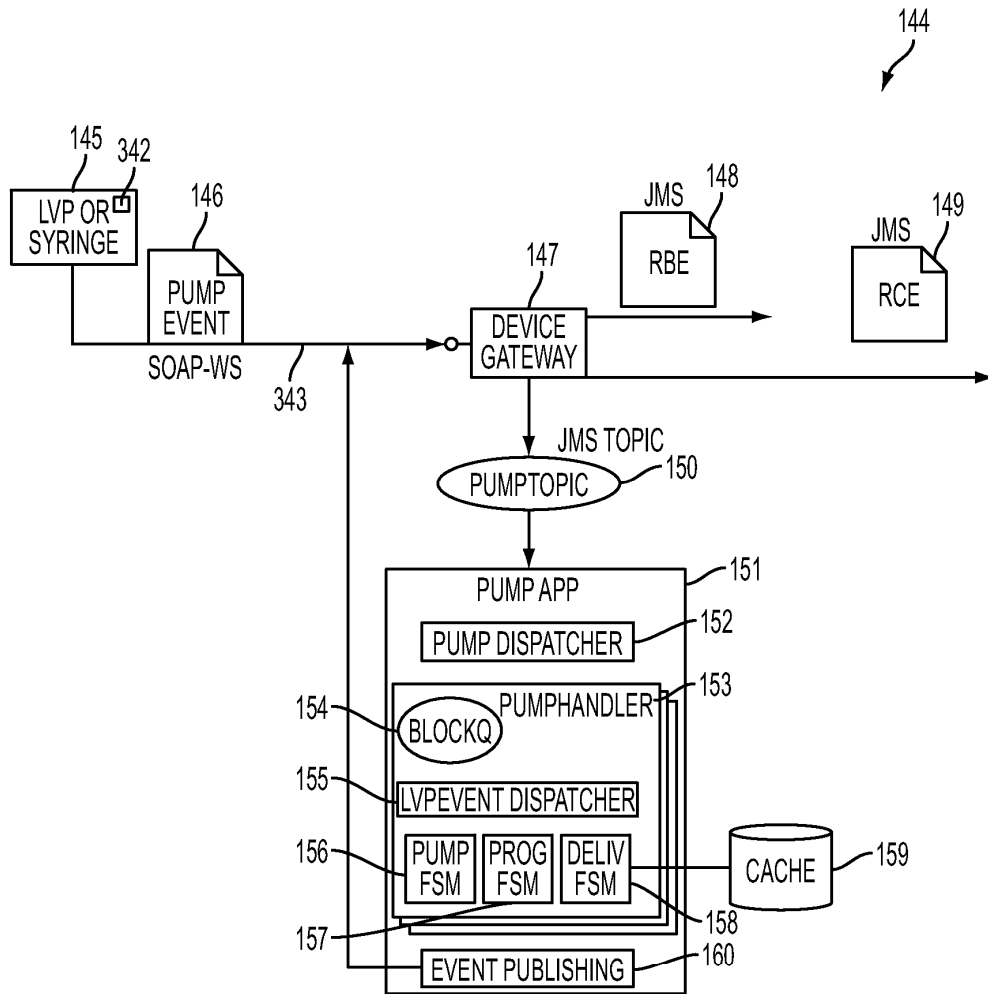


FIG. 5

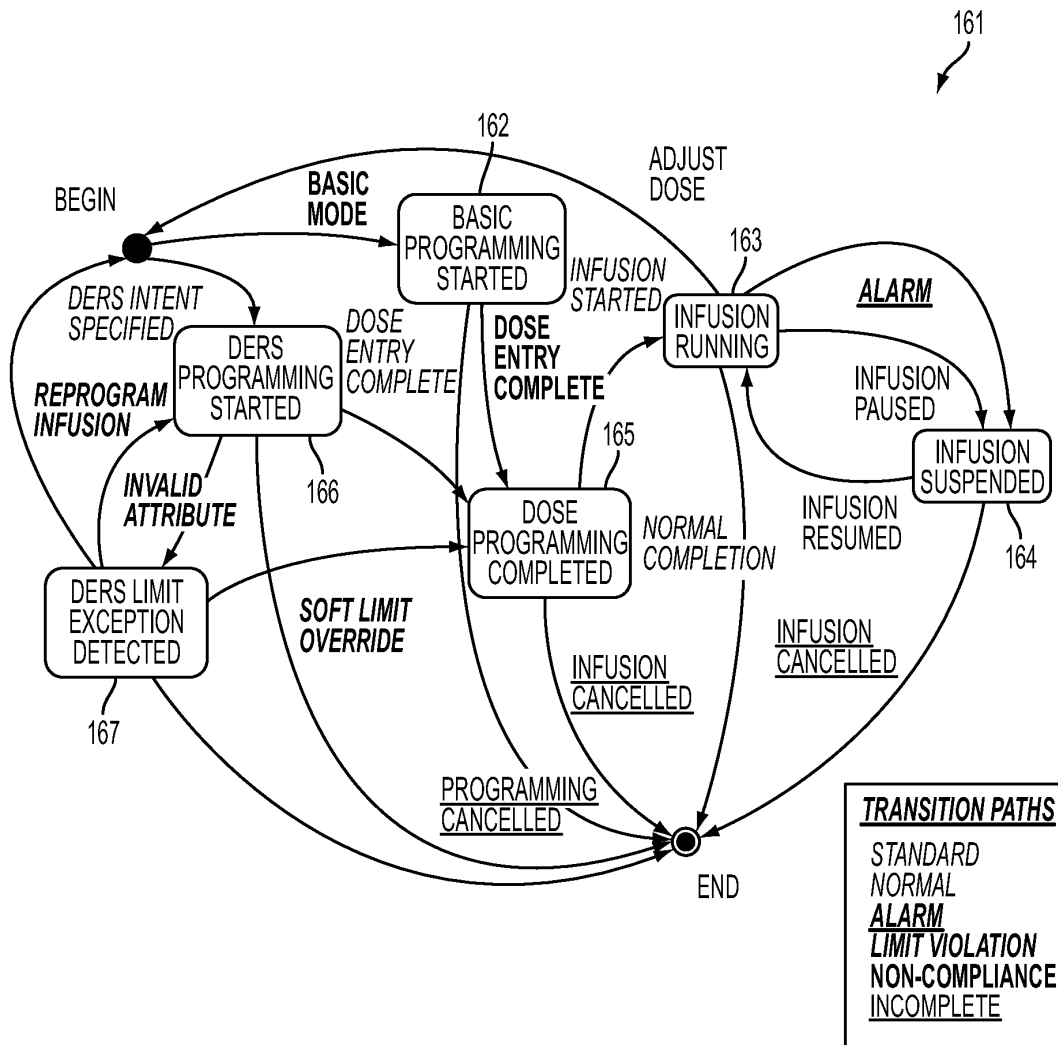


FIG. 6

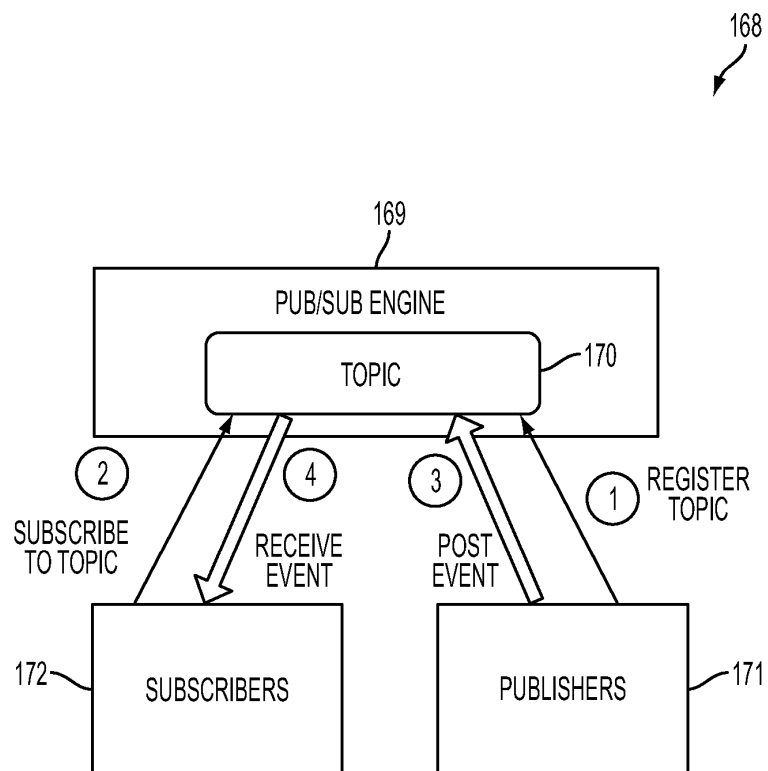


FIG. 7

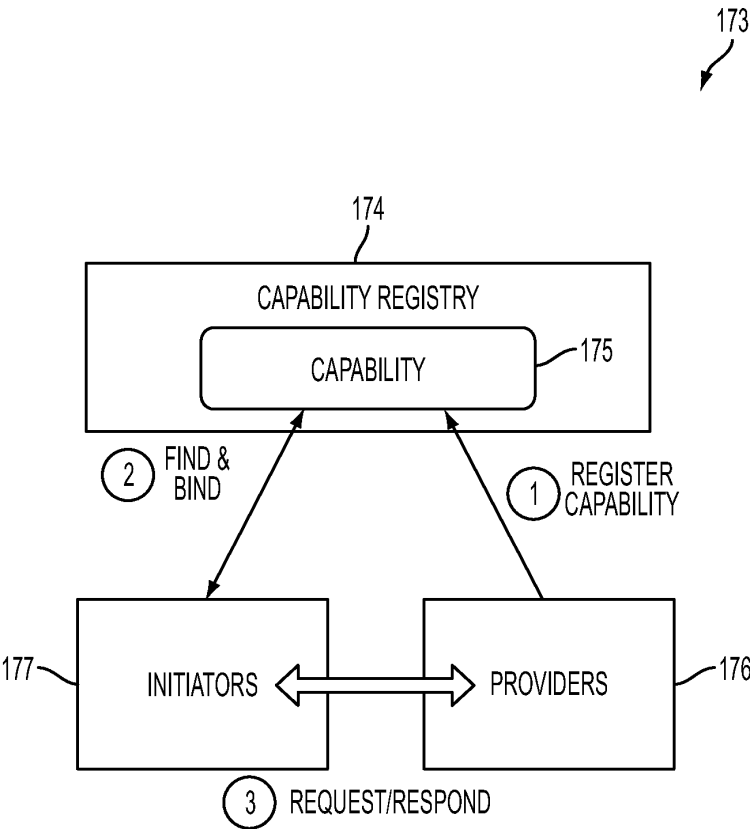


FIG. 8

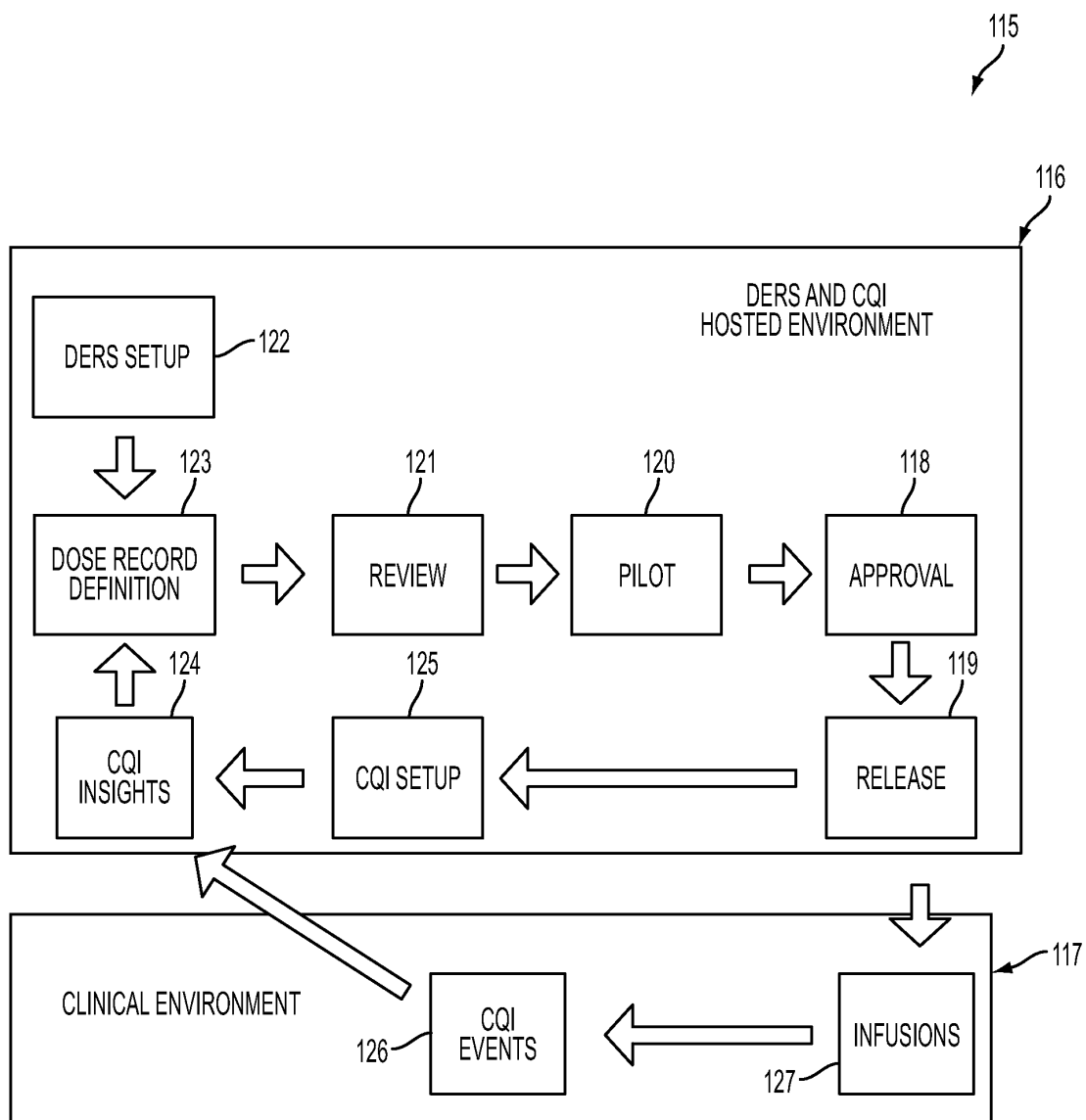


FIG. 9

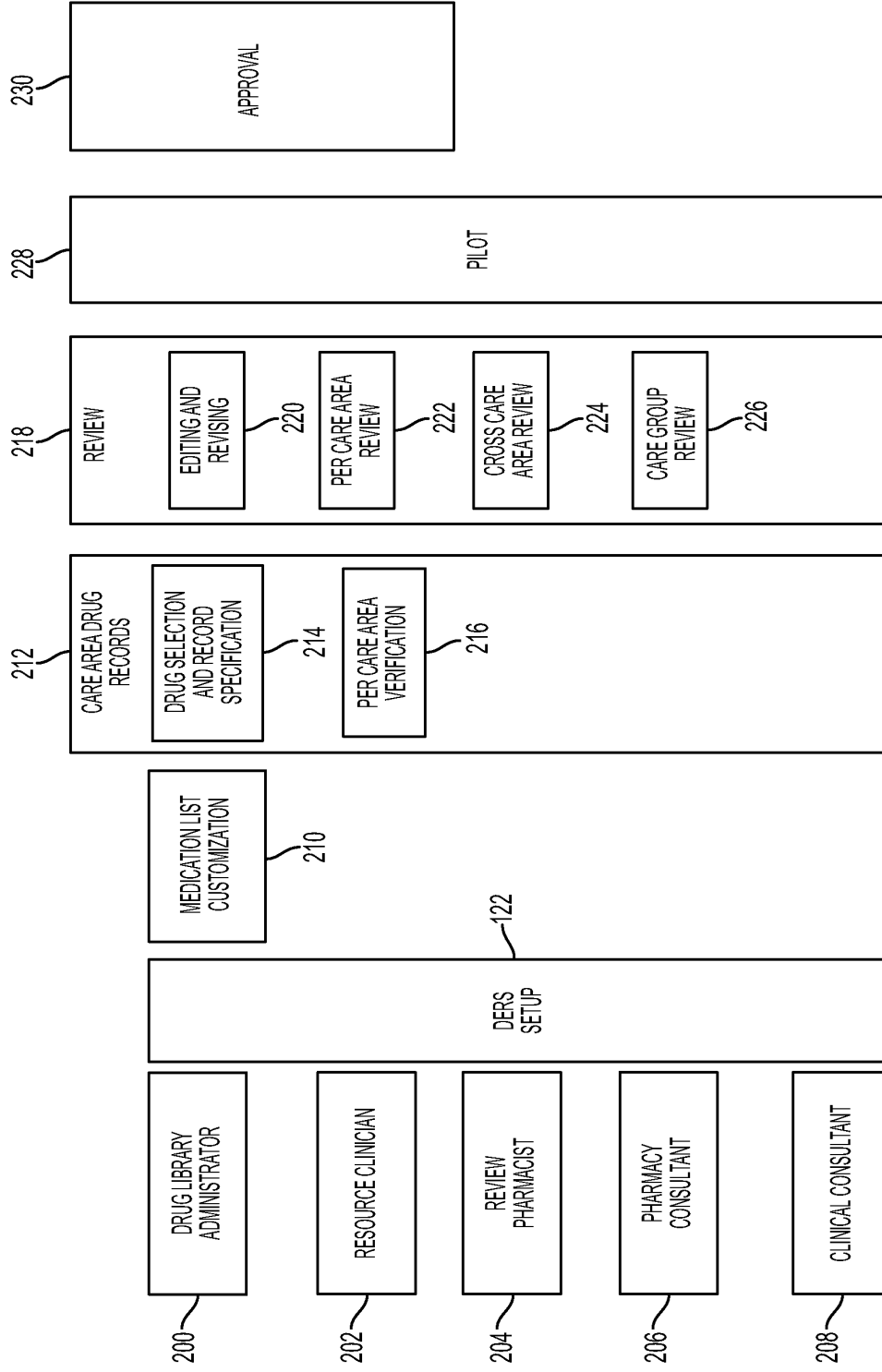


FIG. 10

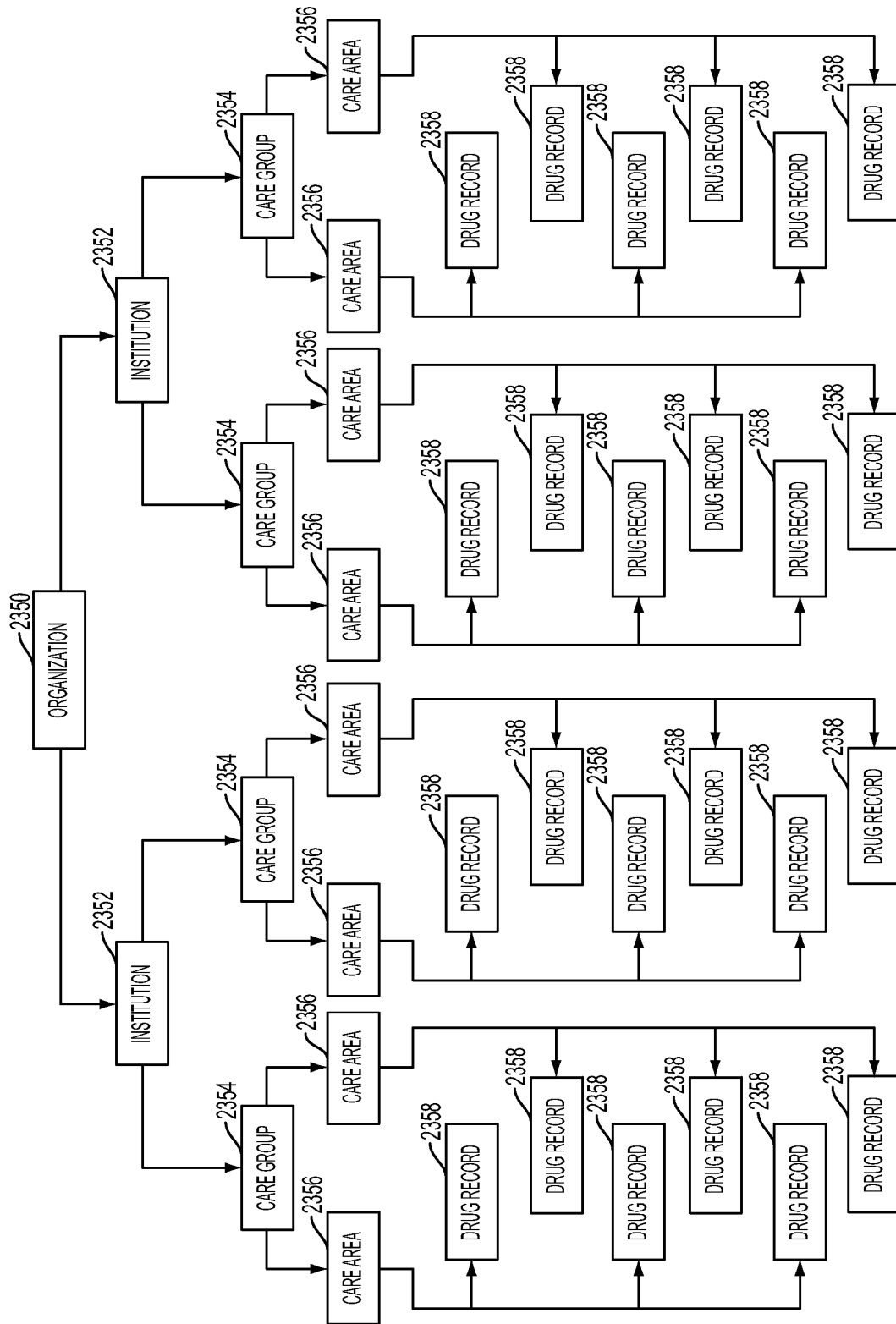


FIG. 11A

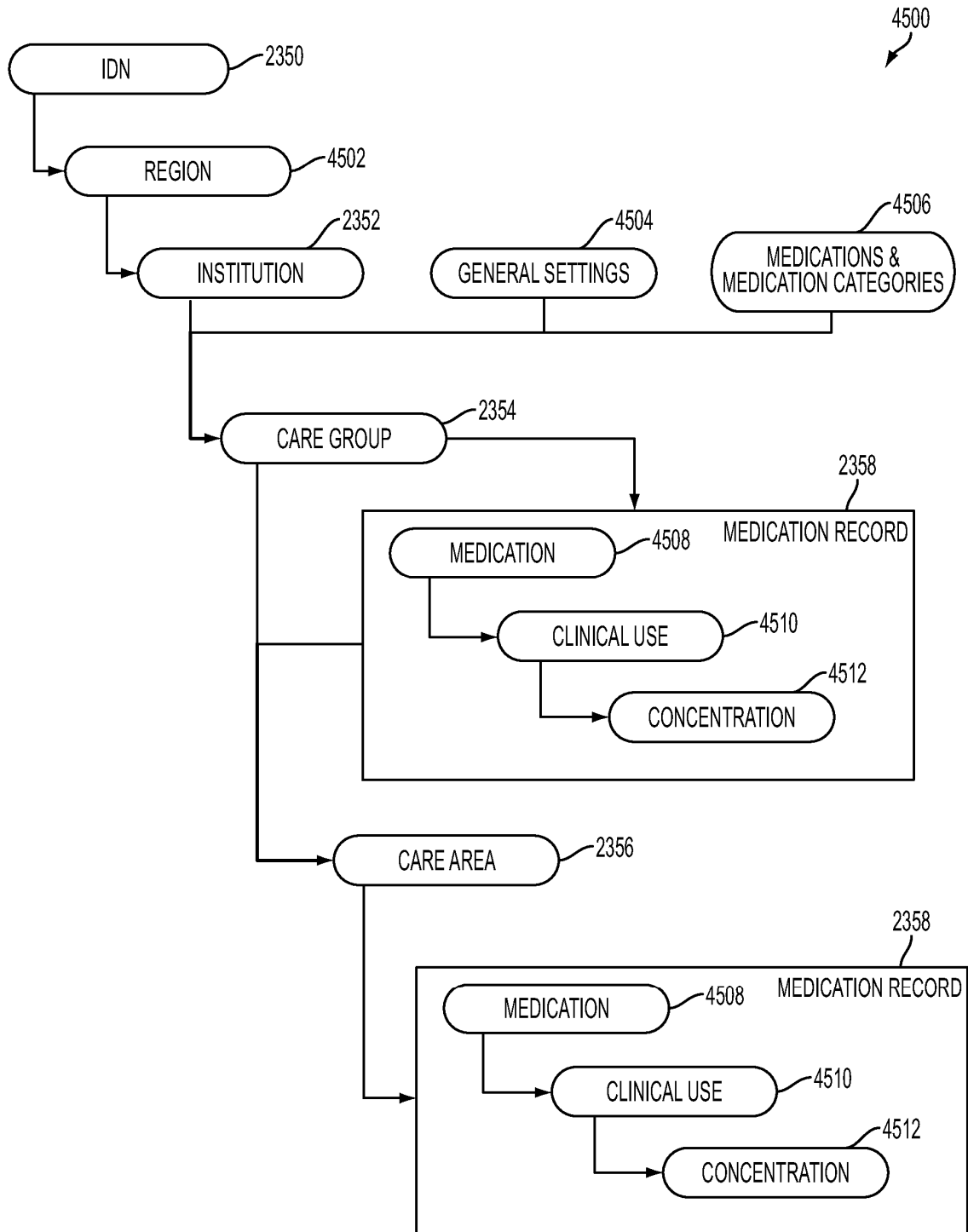


FIG. 11B

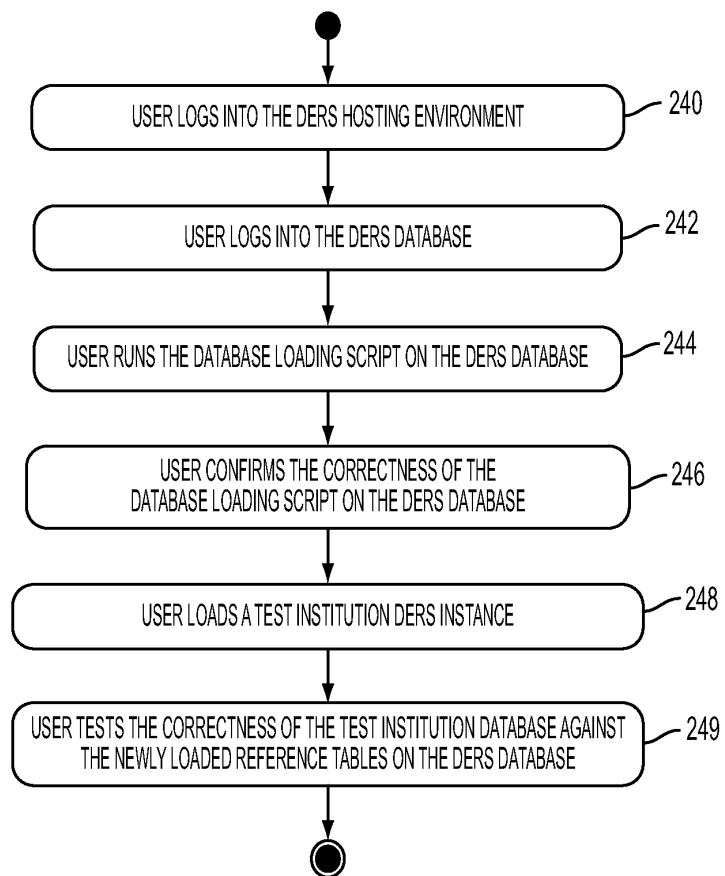


FIG. 12

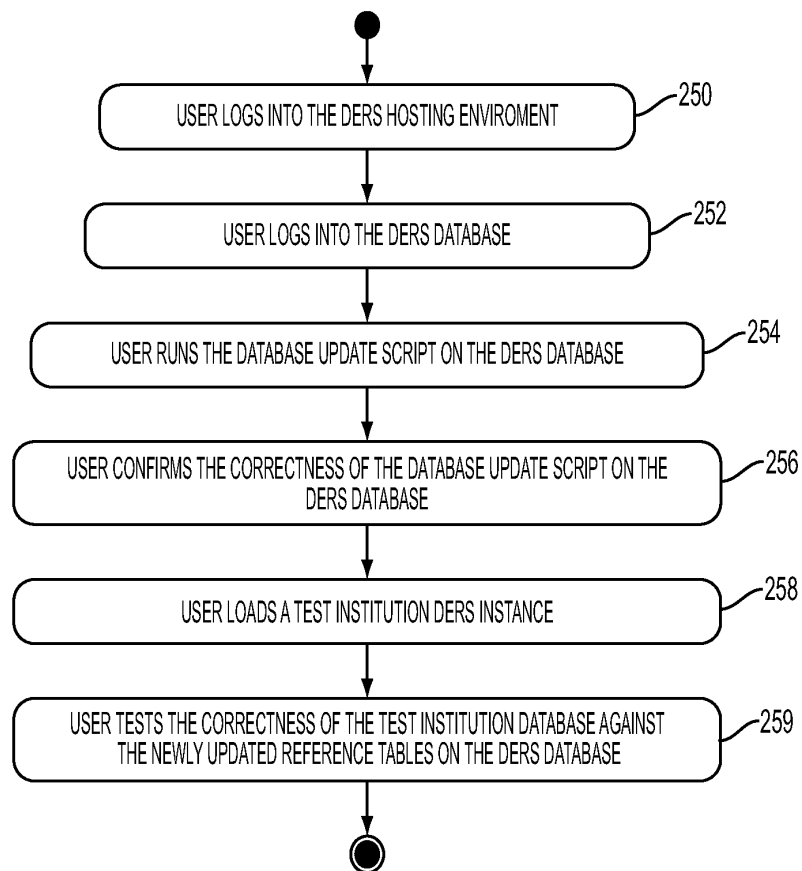


FIG. 13

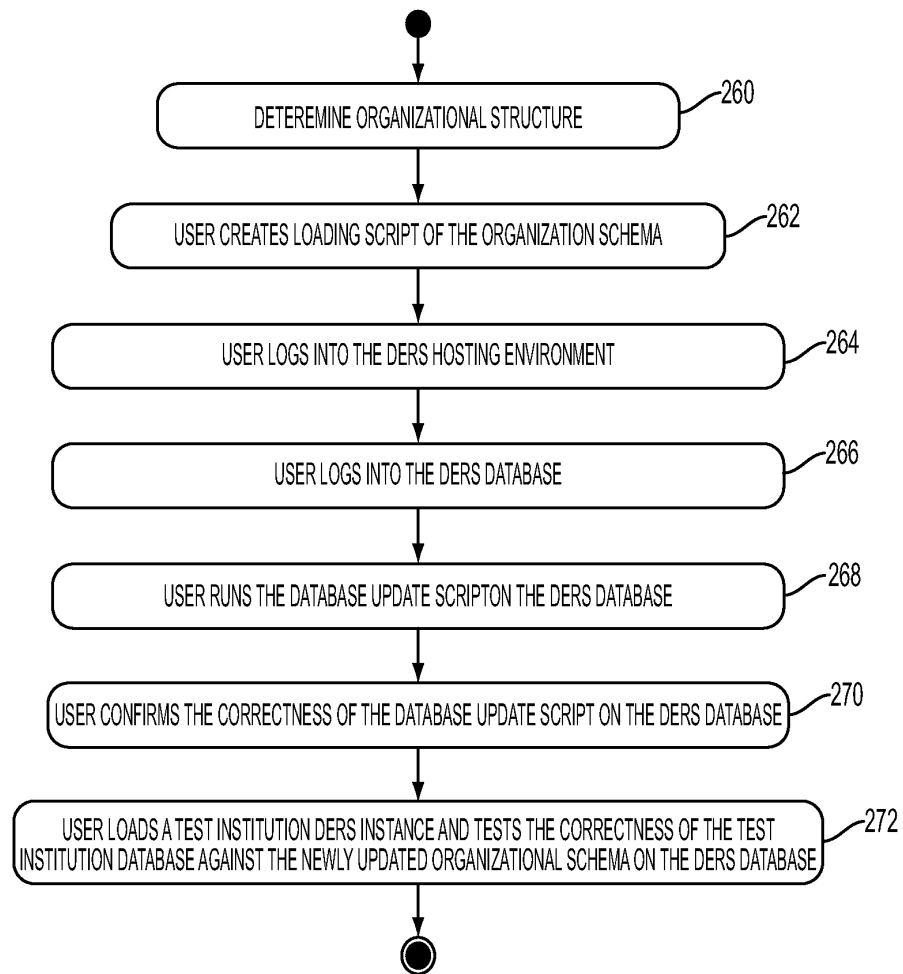


FIG. 14

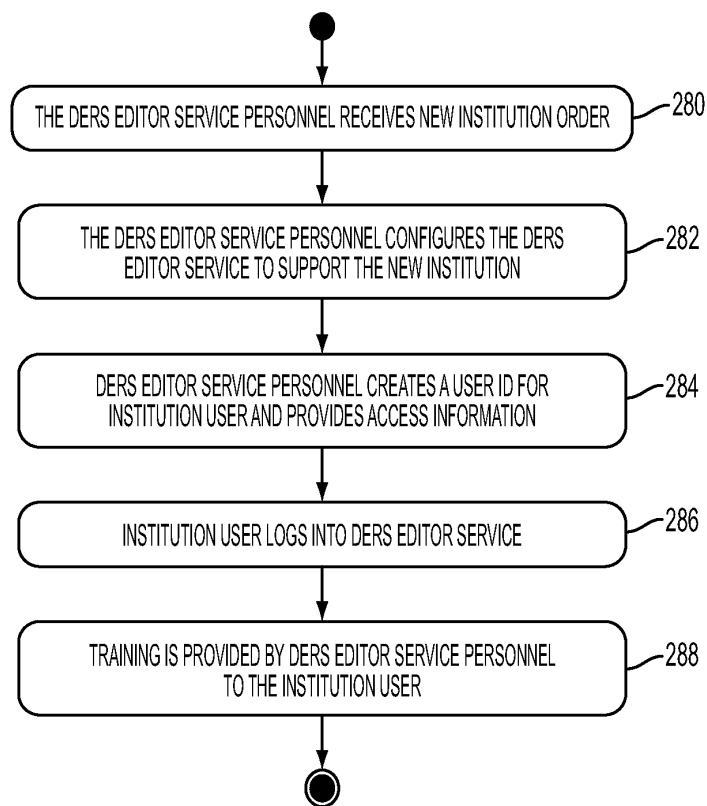


FIG. 15

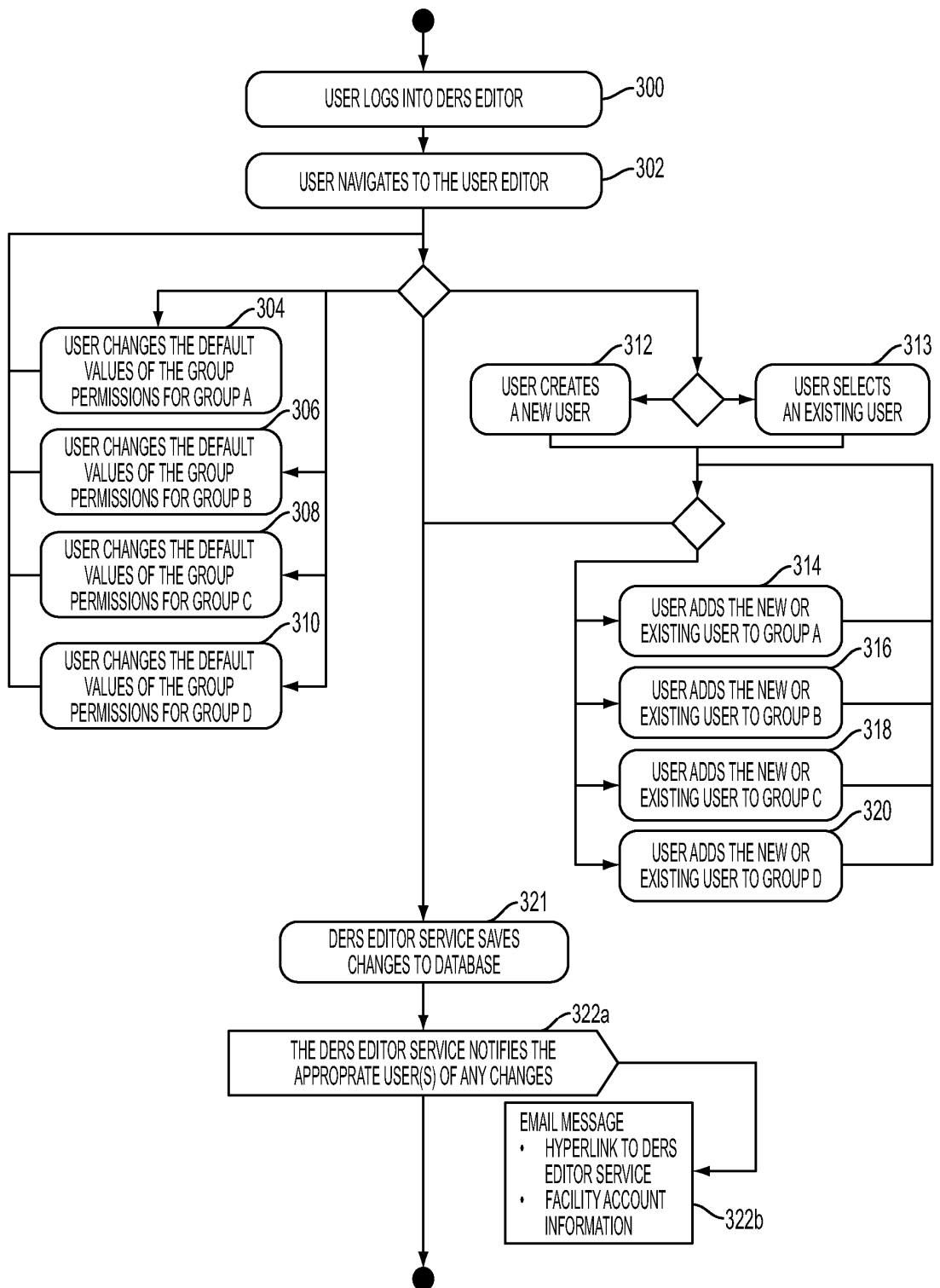


FIG. 16A

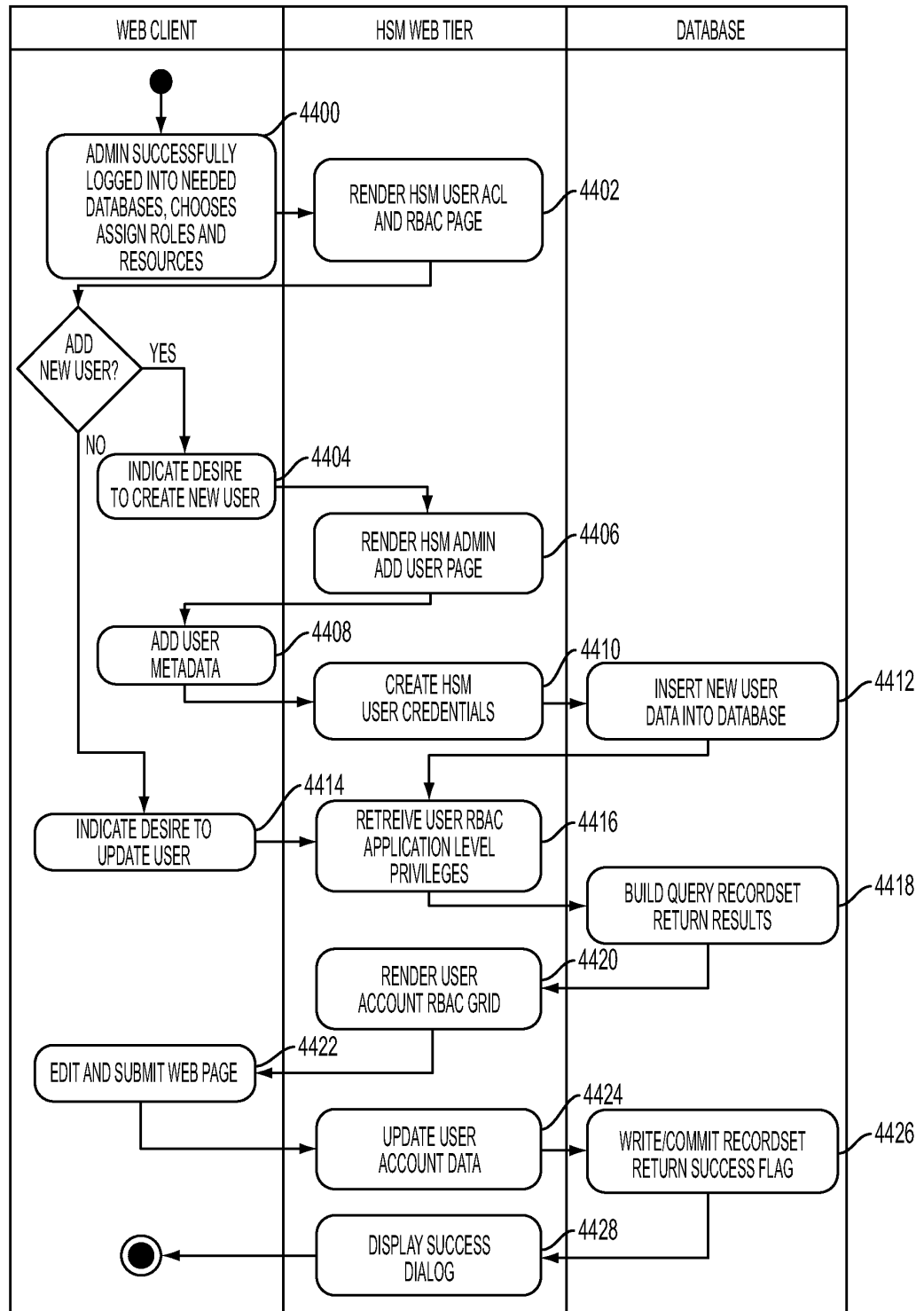


FIG. 16B

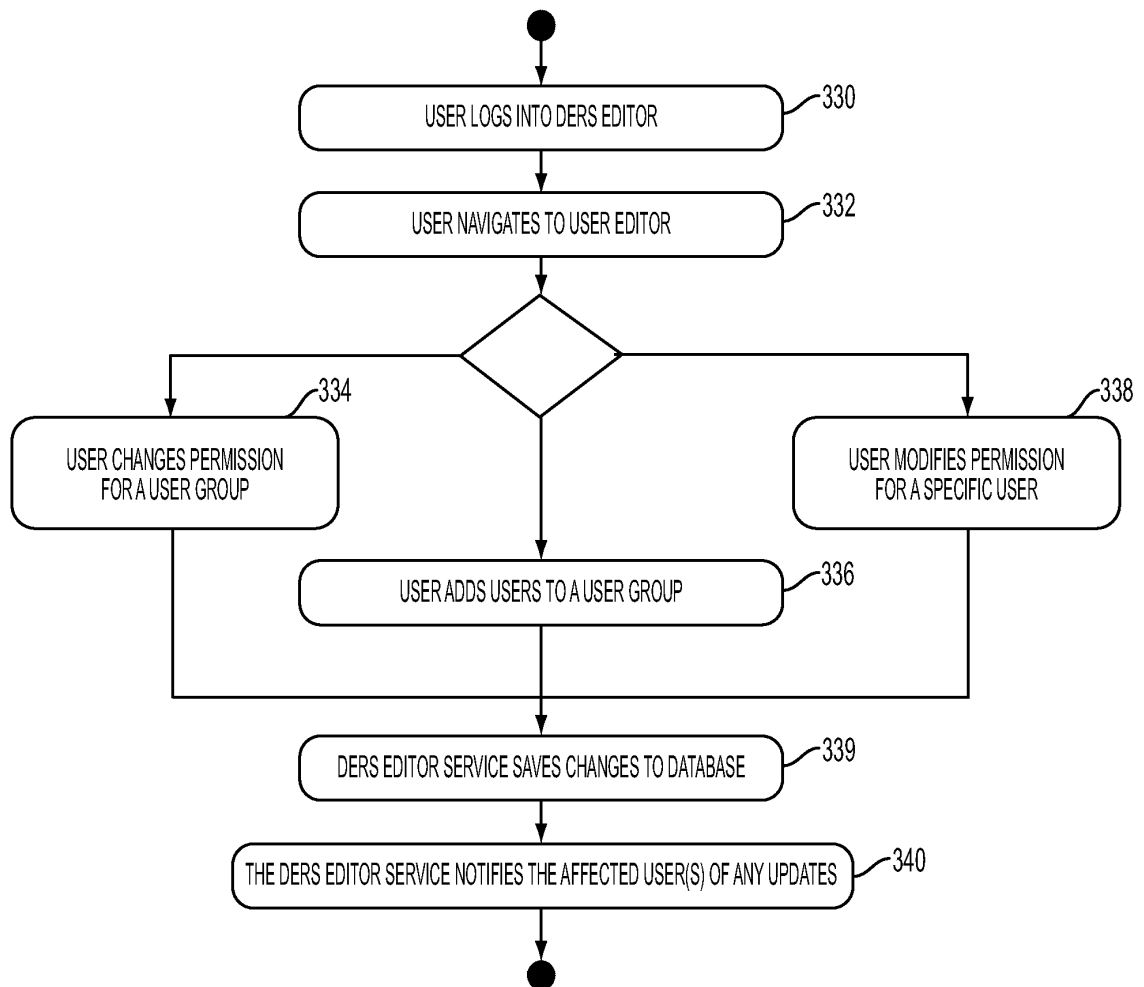


FIG. 17

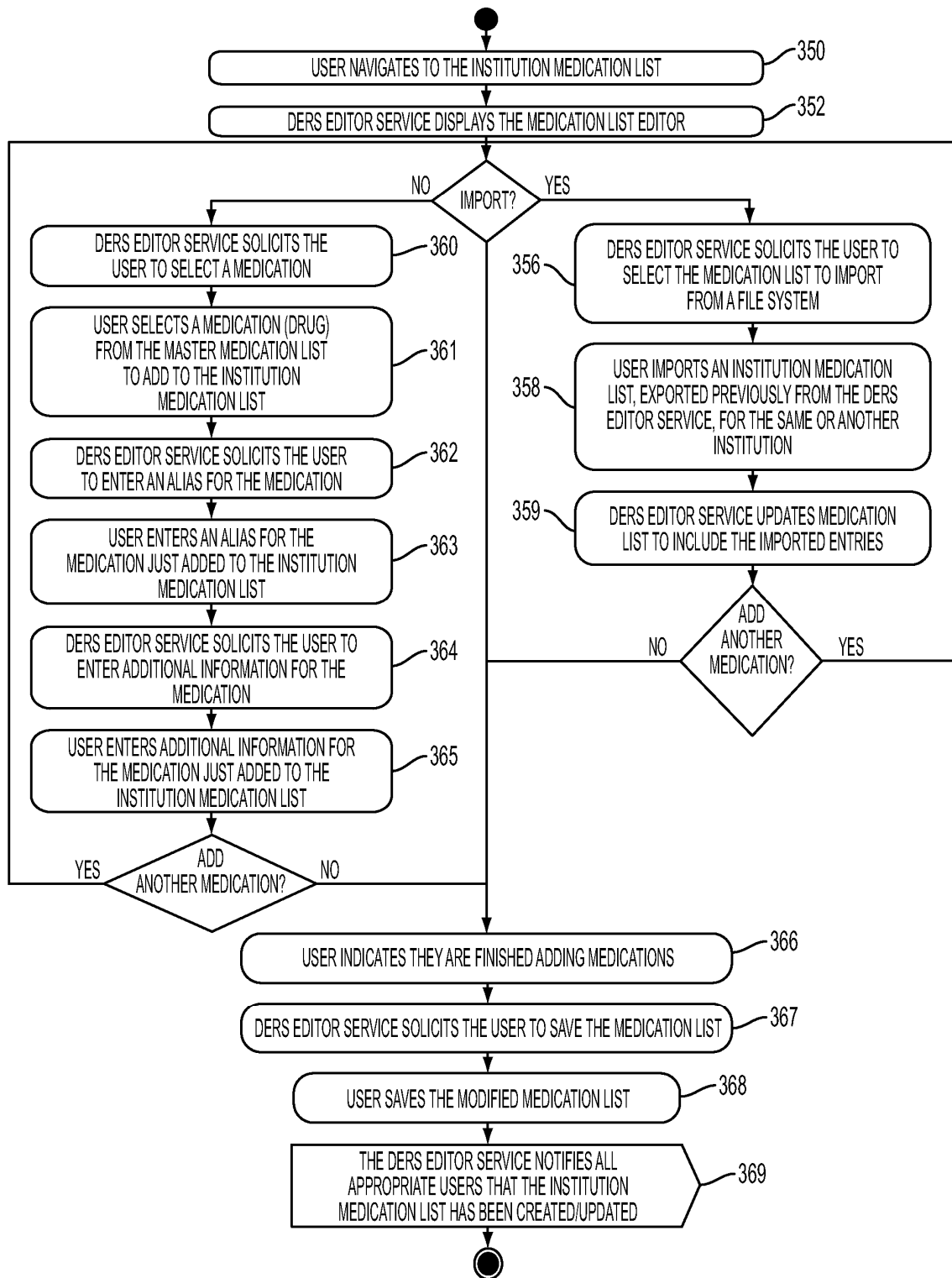


FIG. 18

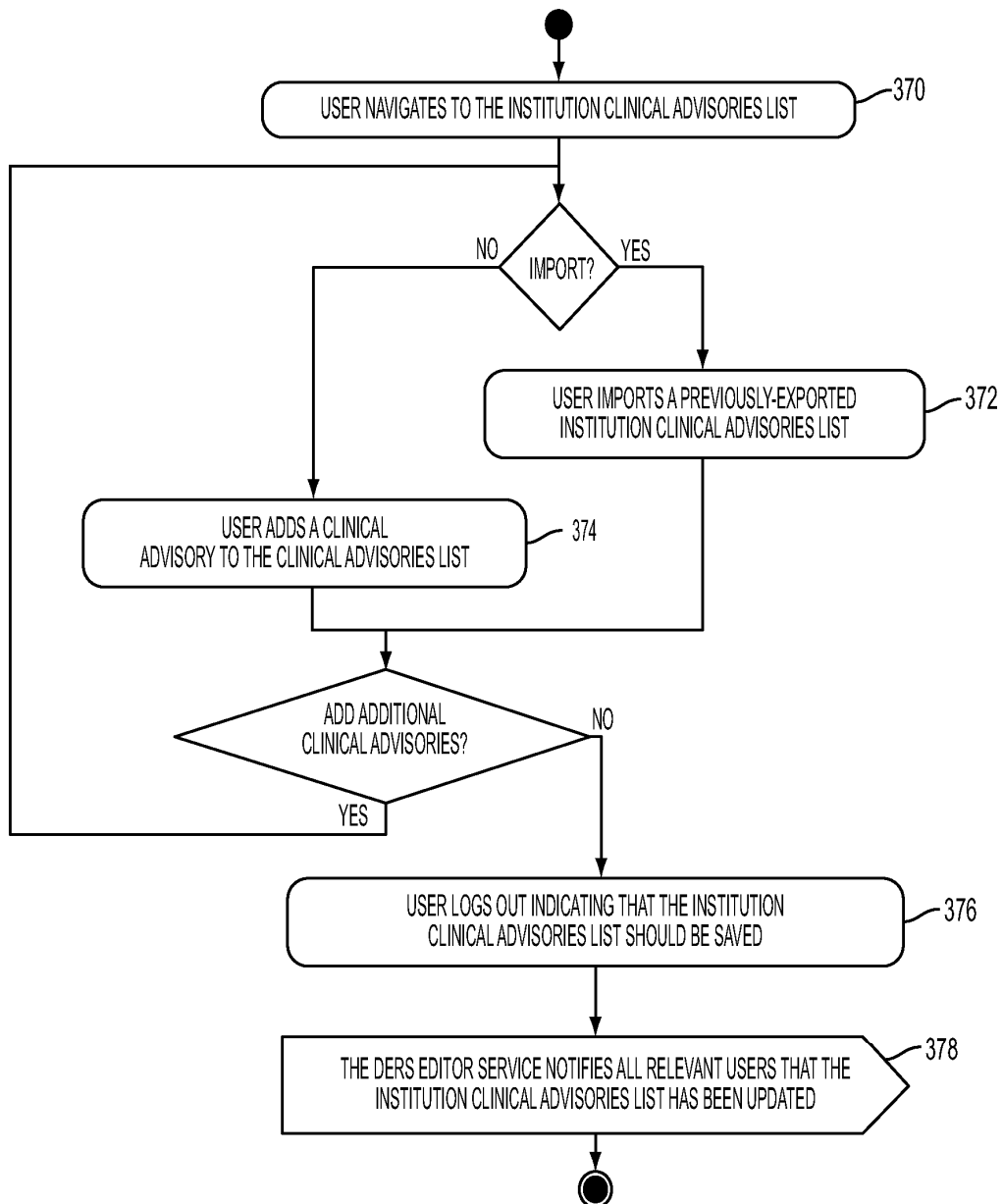


FIG. 19

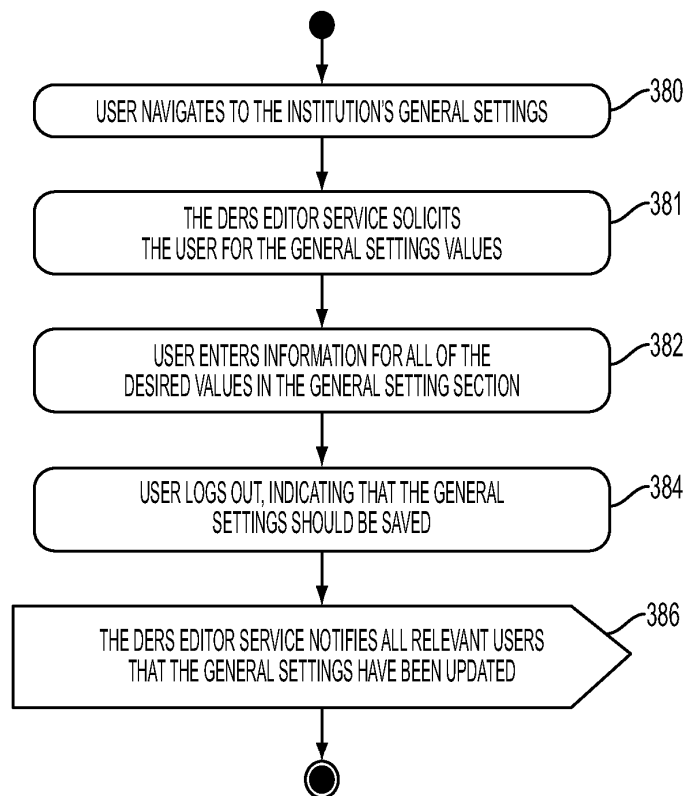


FIG. 20

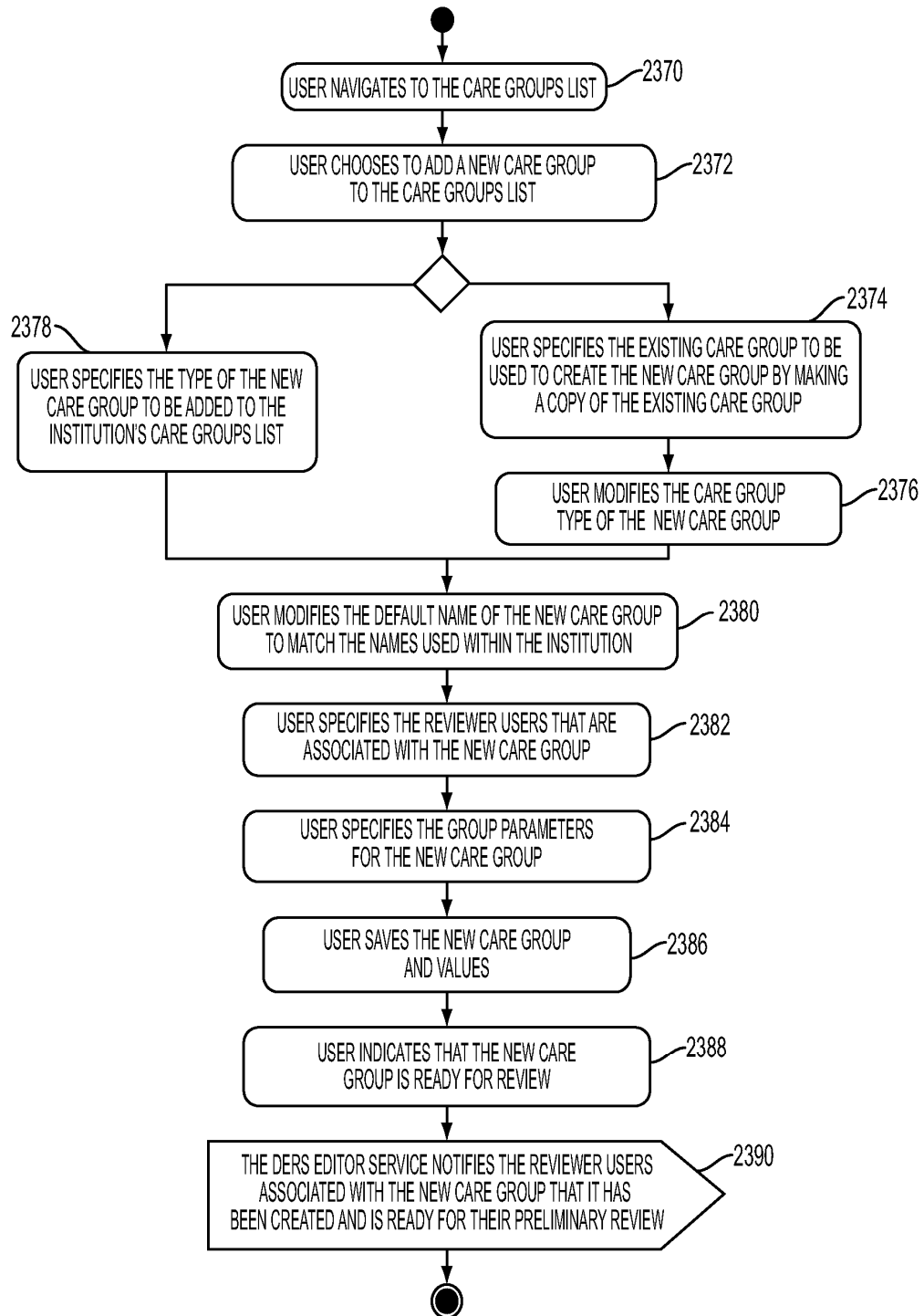


FIG. 21

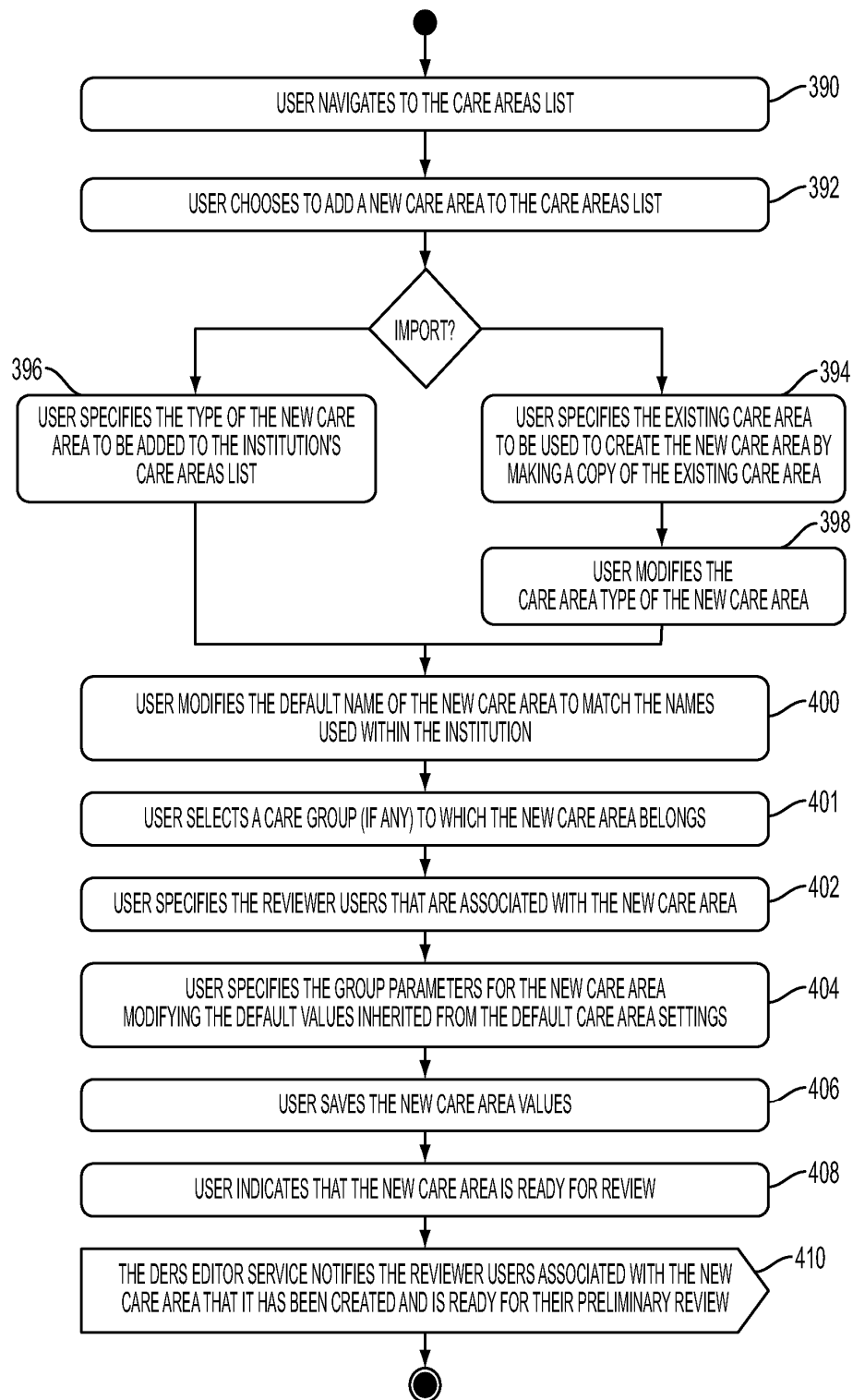


FIG. 22

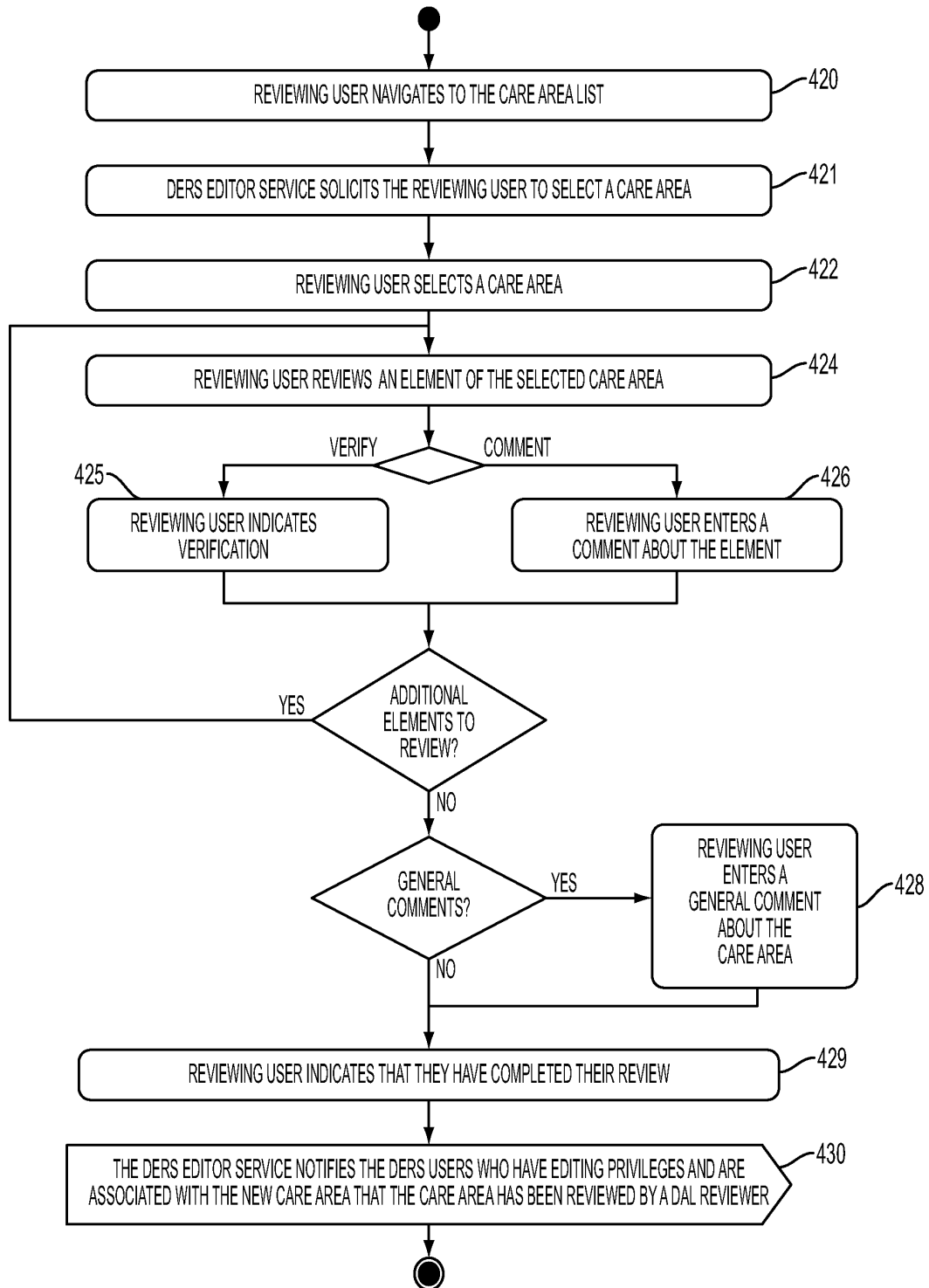


FIG. 23

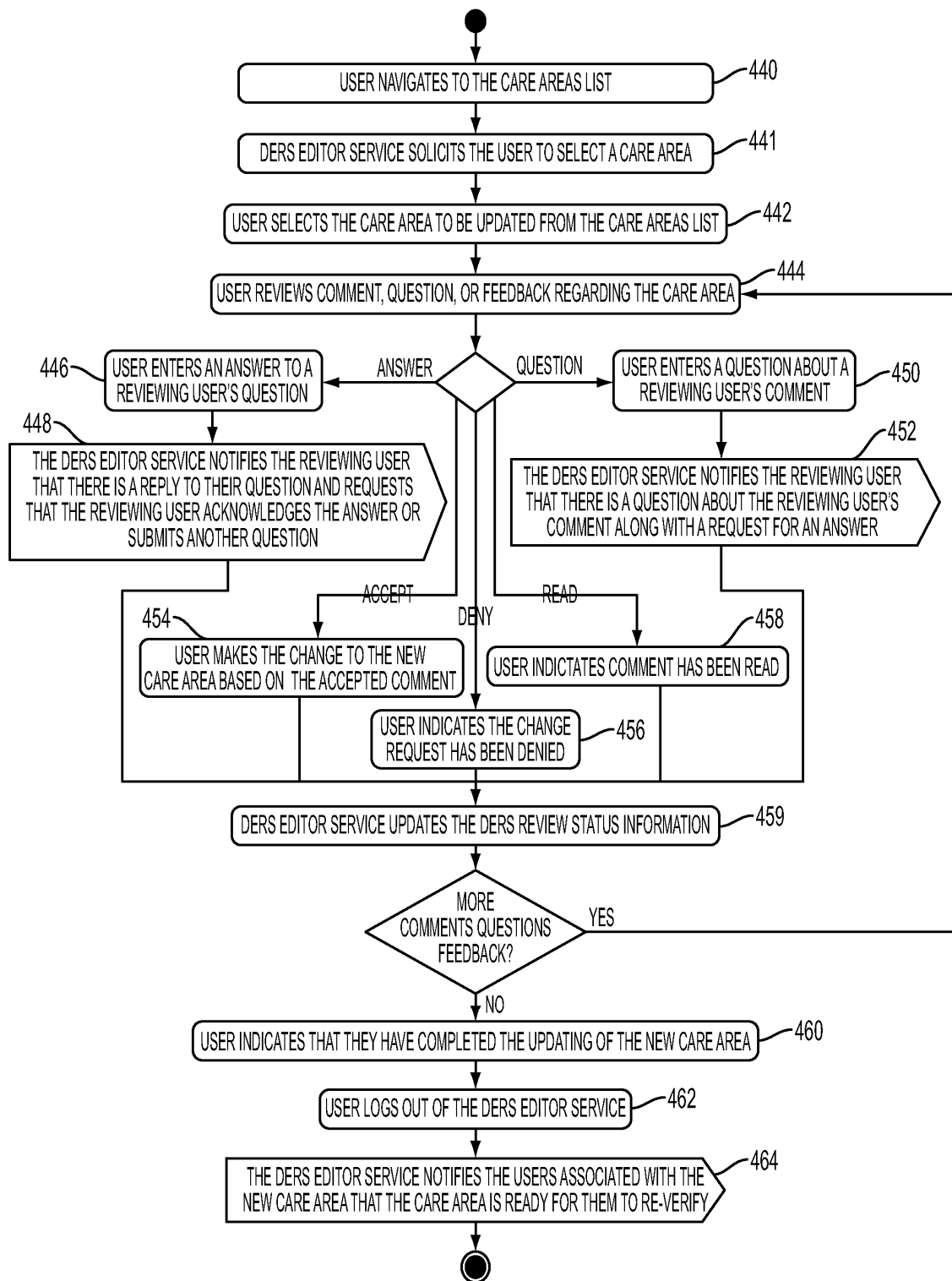
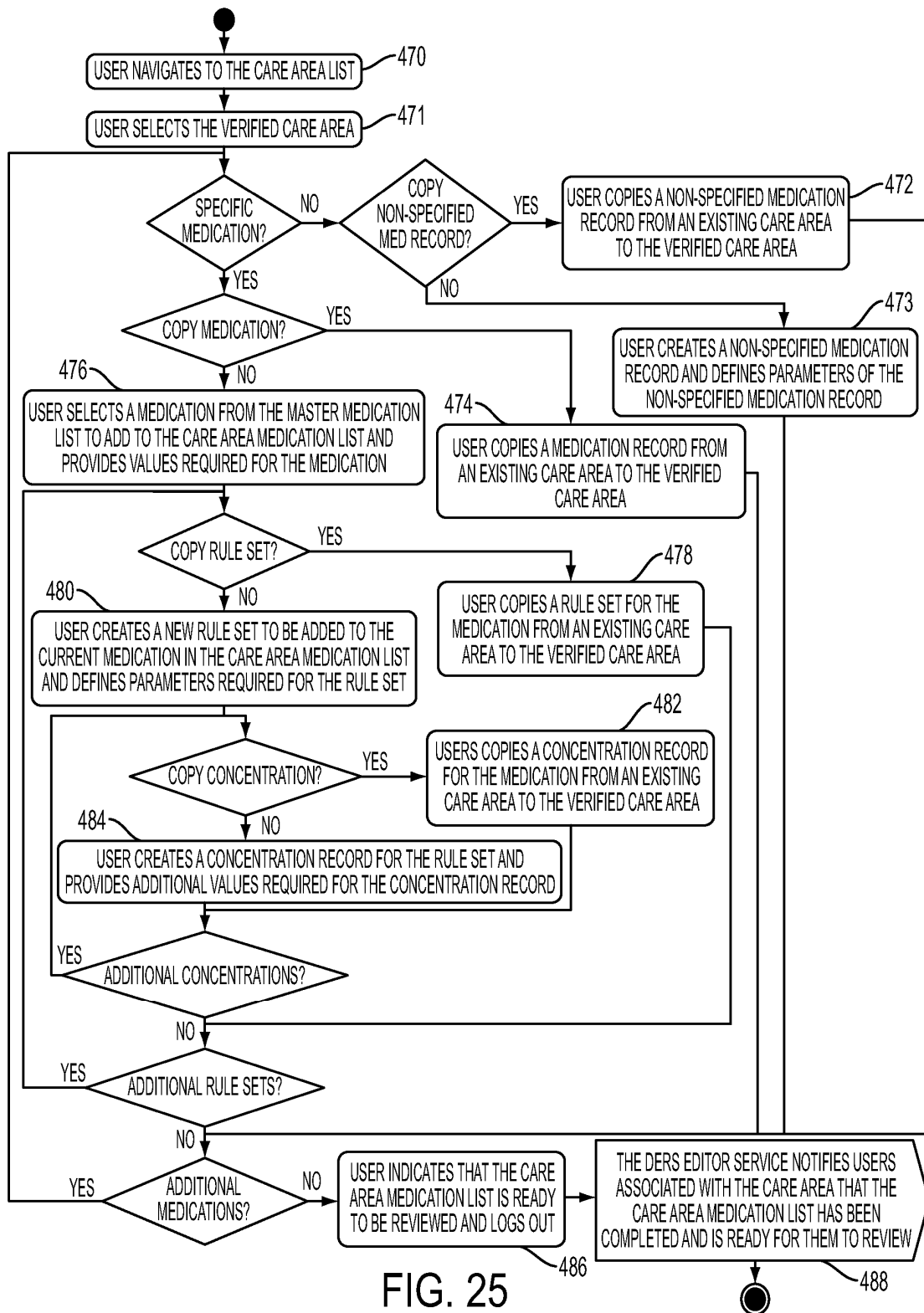


FIG. 24



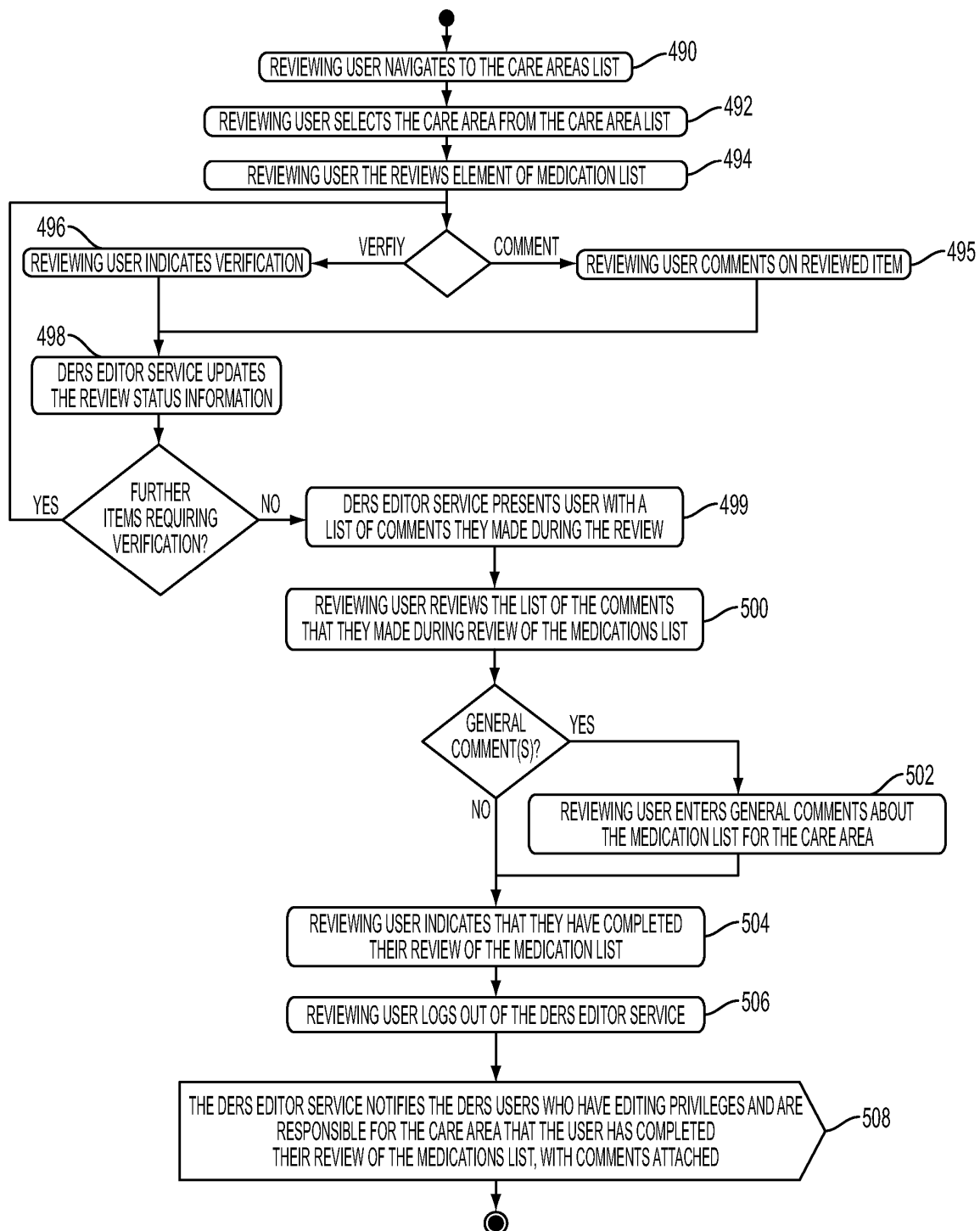


FIG. 26

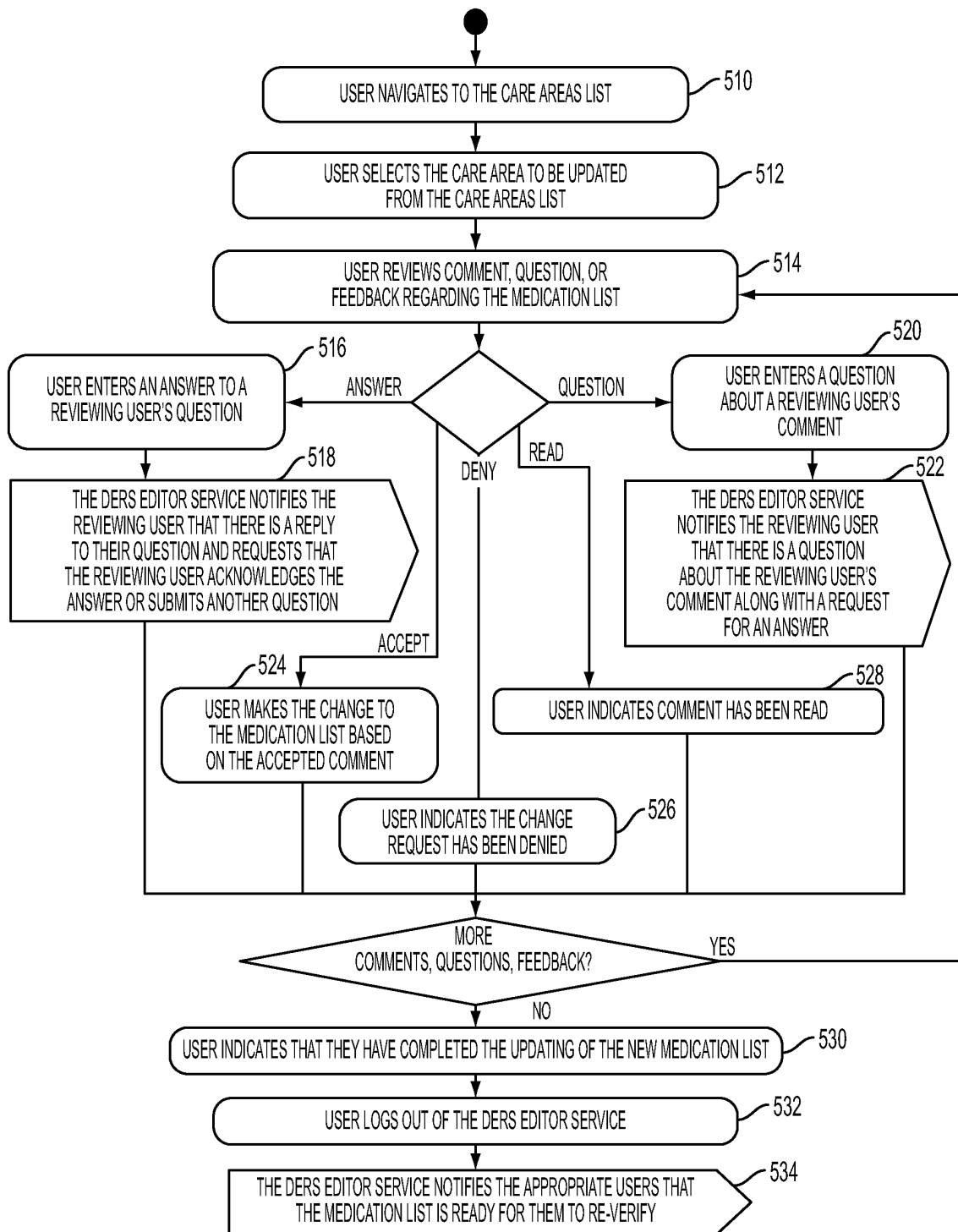


FIG. 27

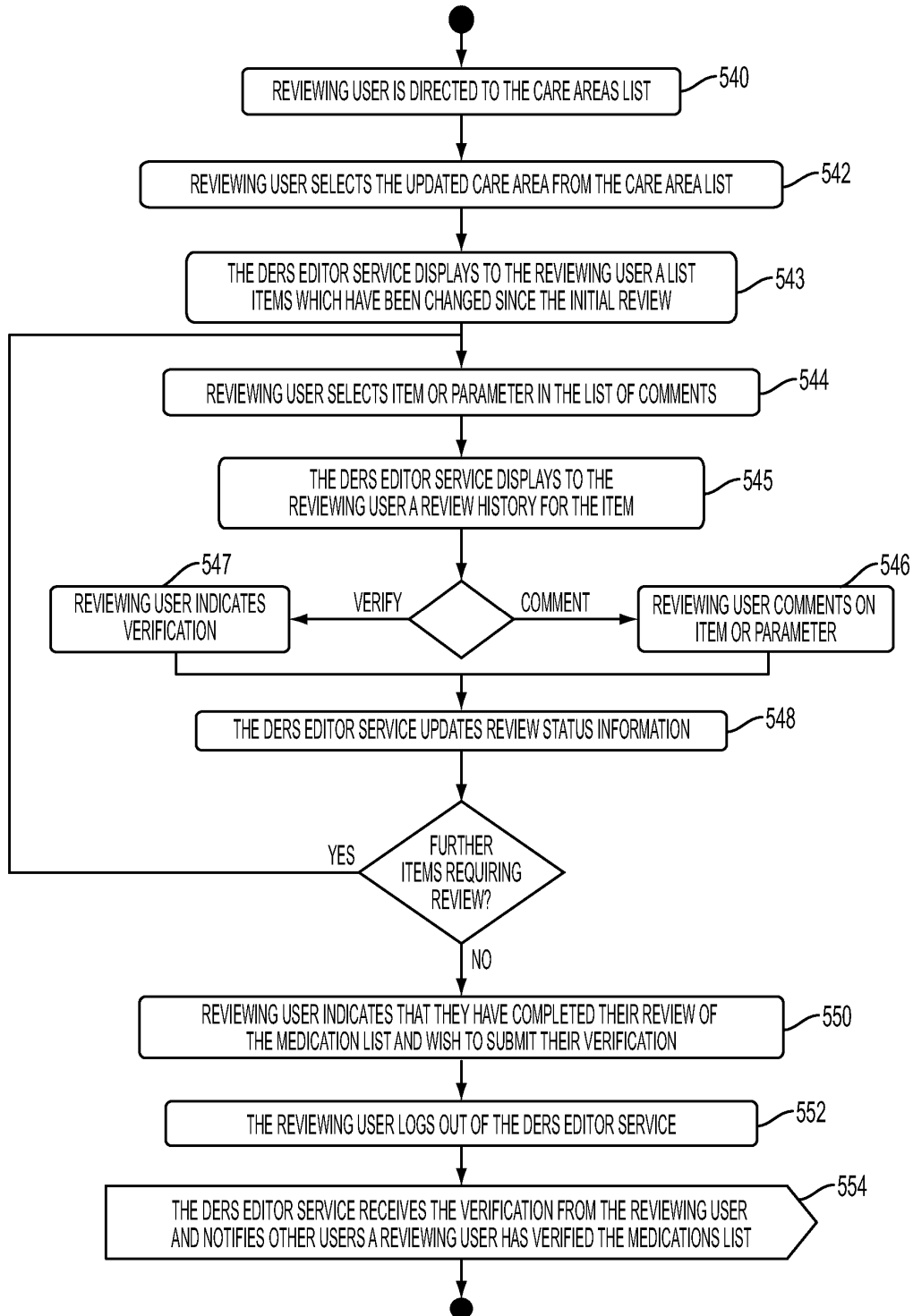


FIG. 28

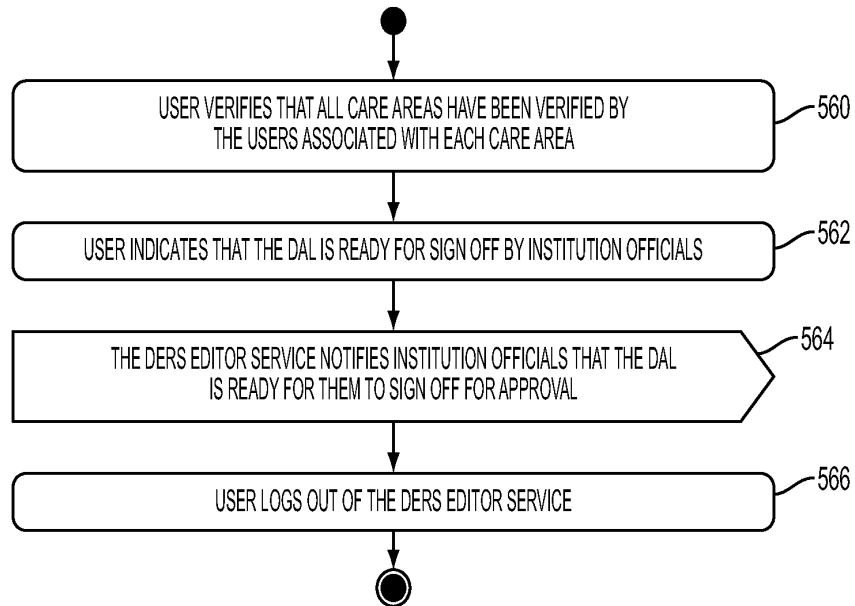


FIG. 29

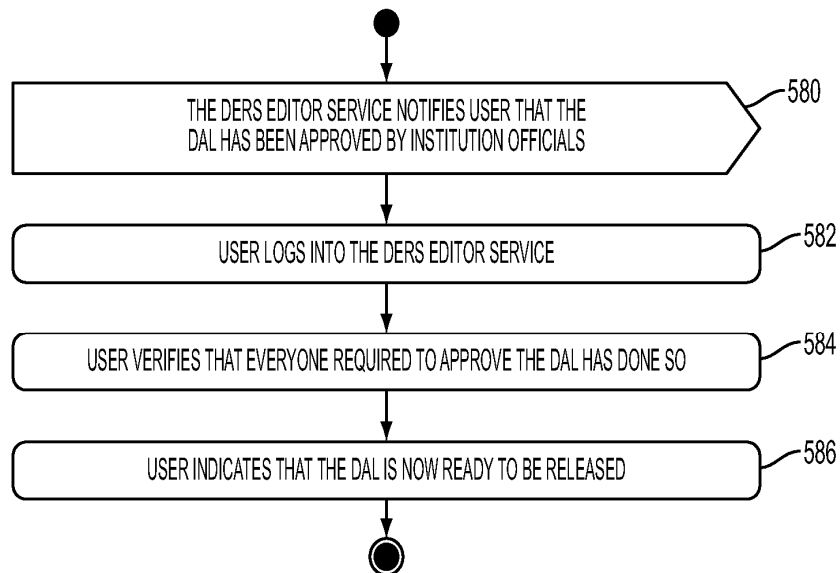


FIG. 30

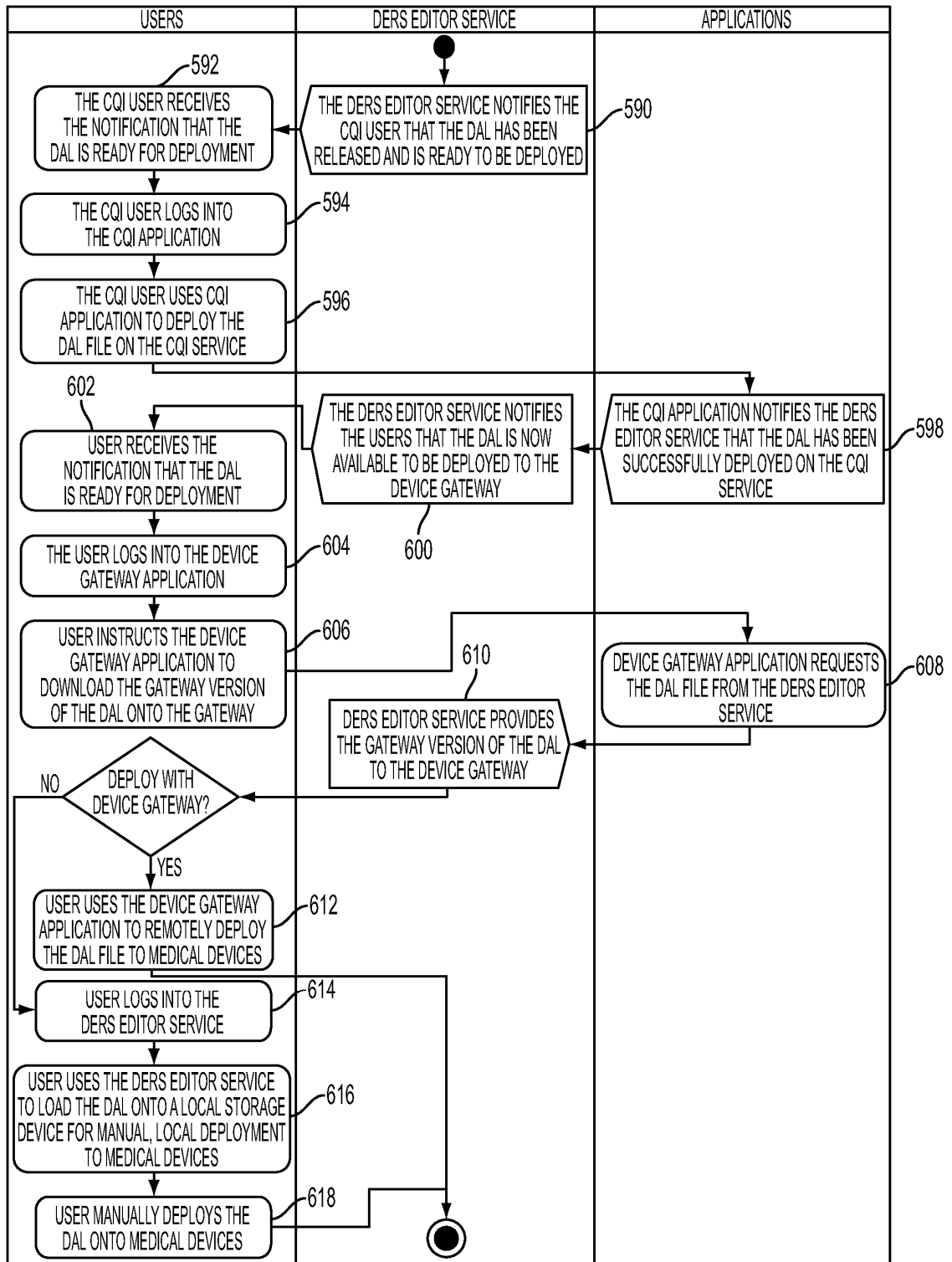


FIG. 31A

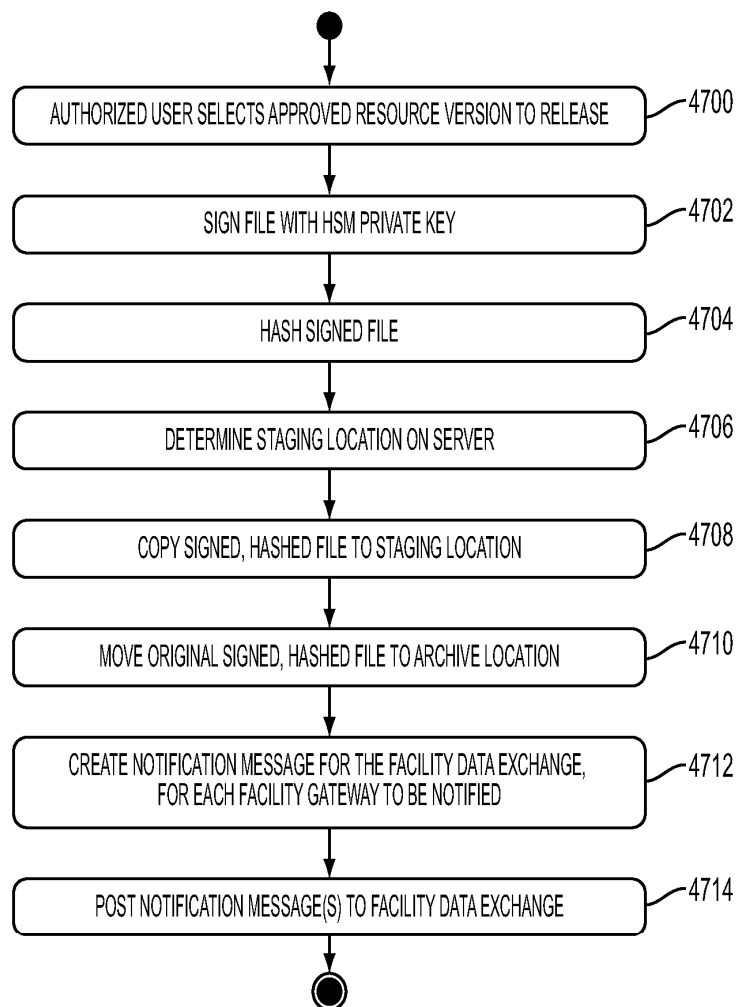


FIG. 31B

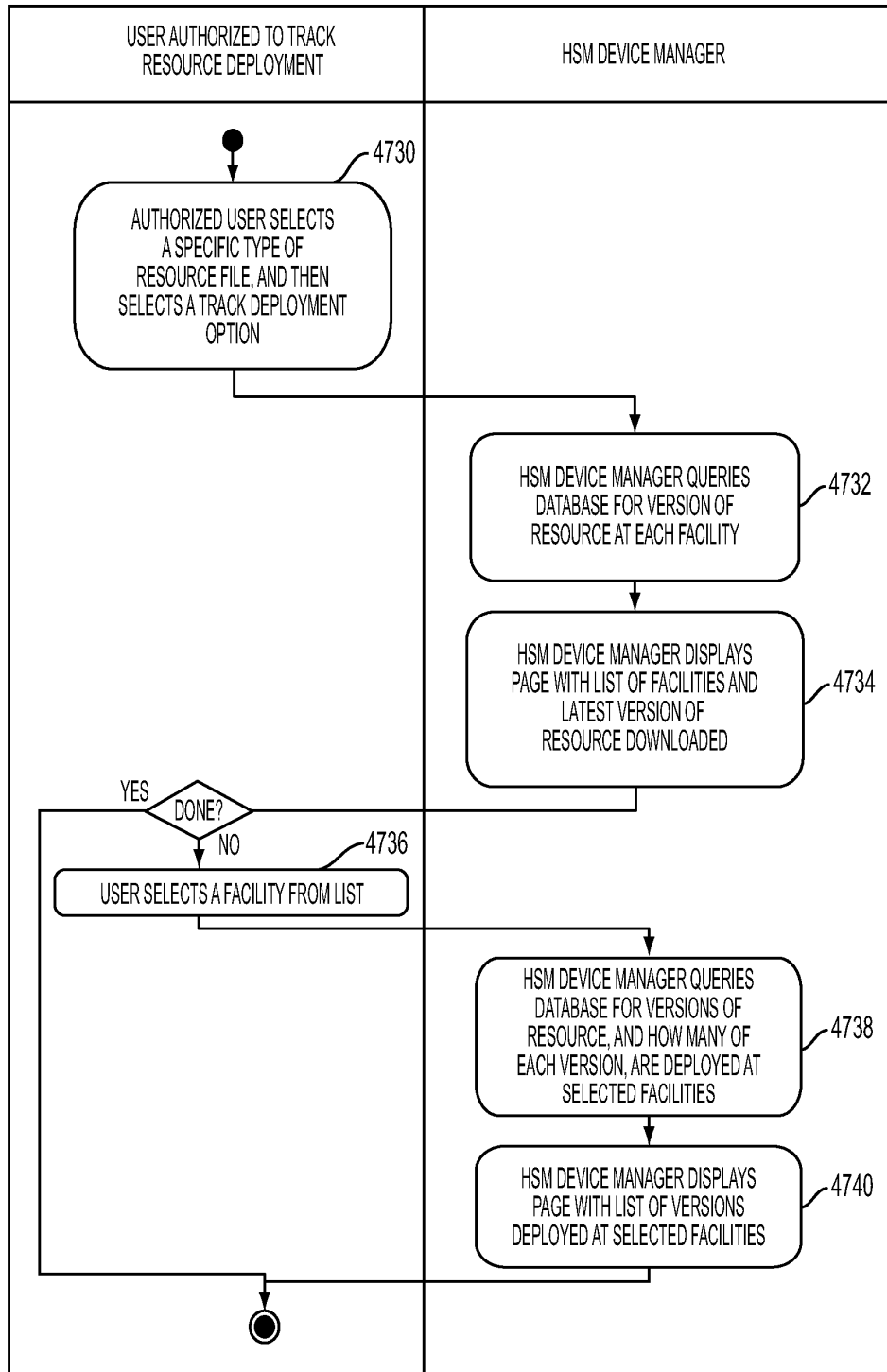


FIG. 31C

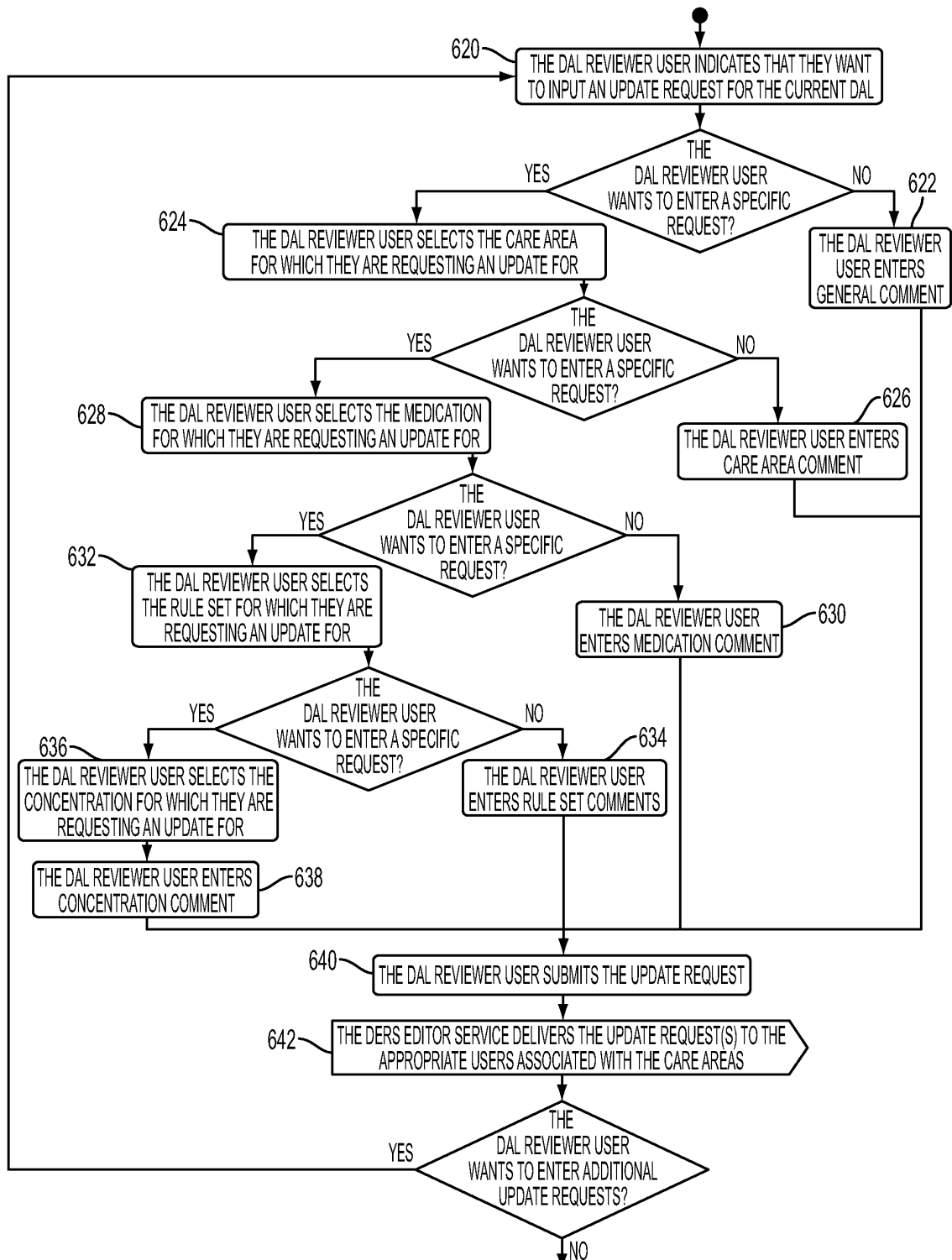


FIG. 32

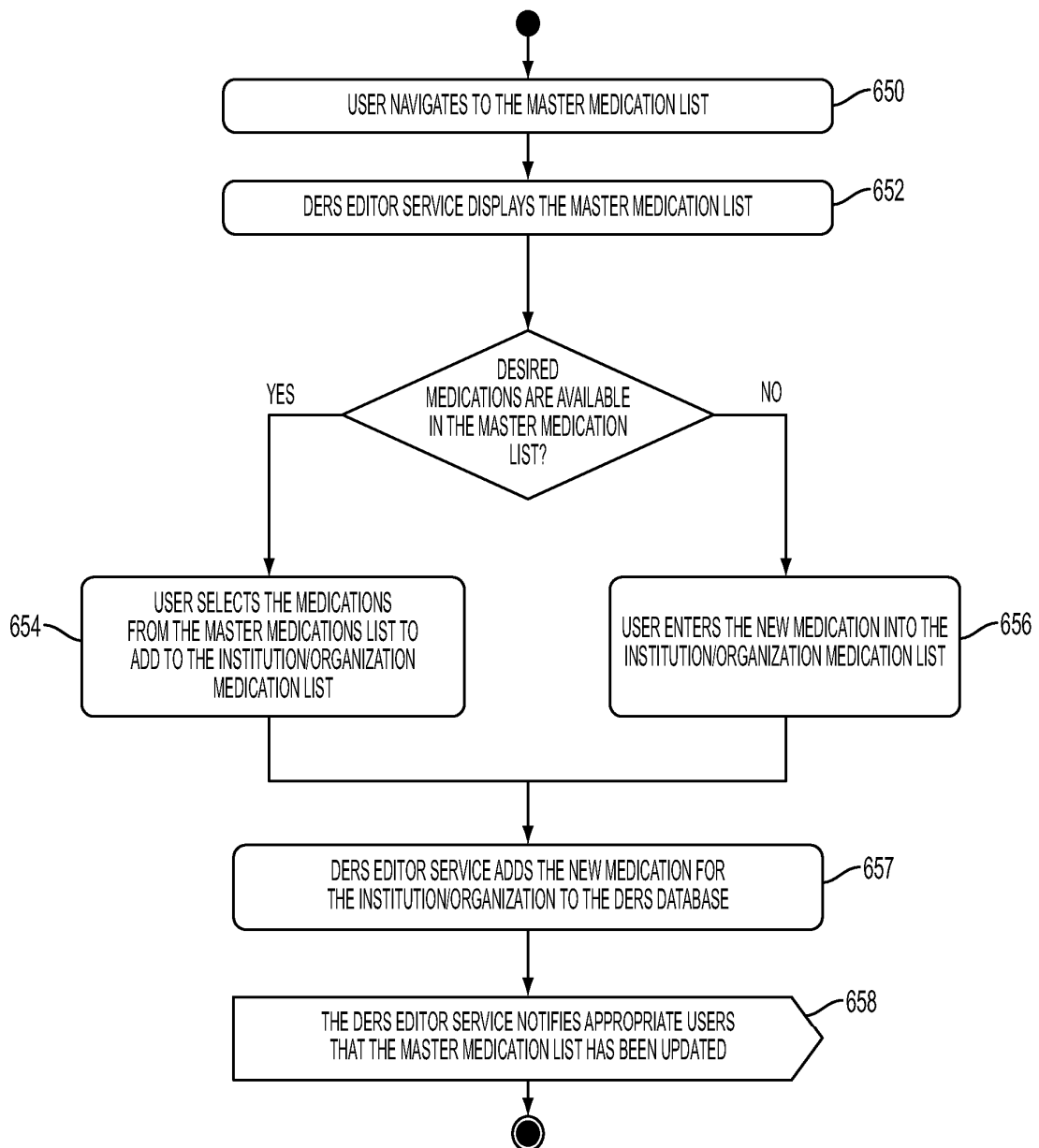


FIG. 33

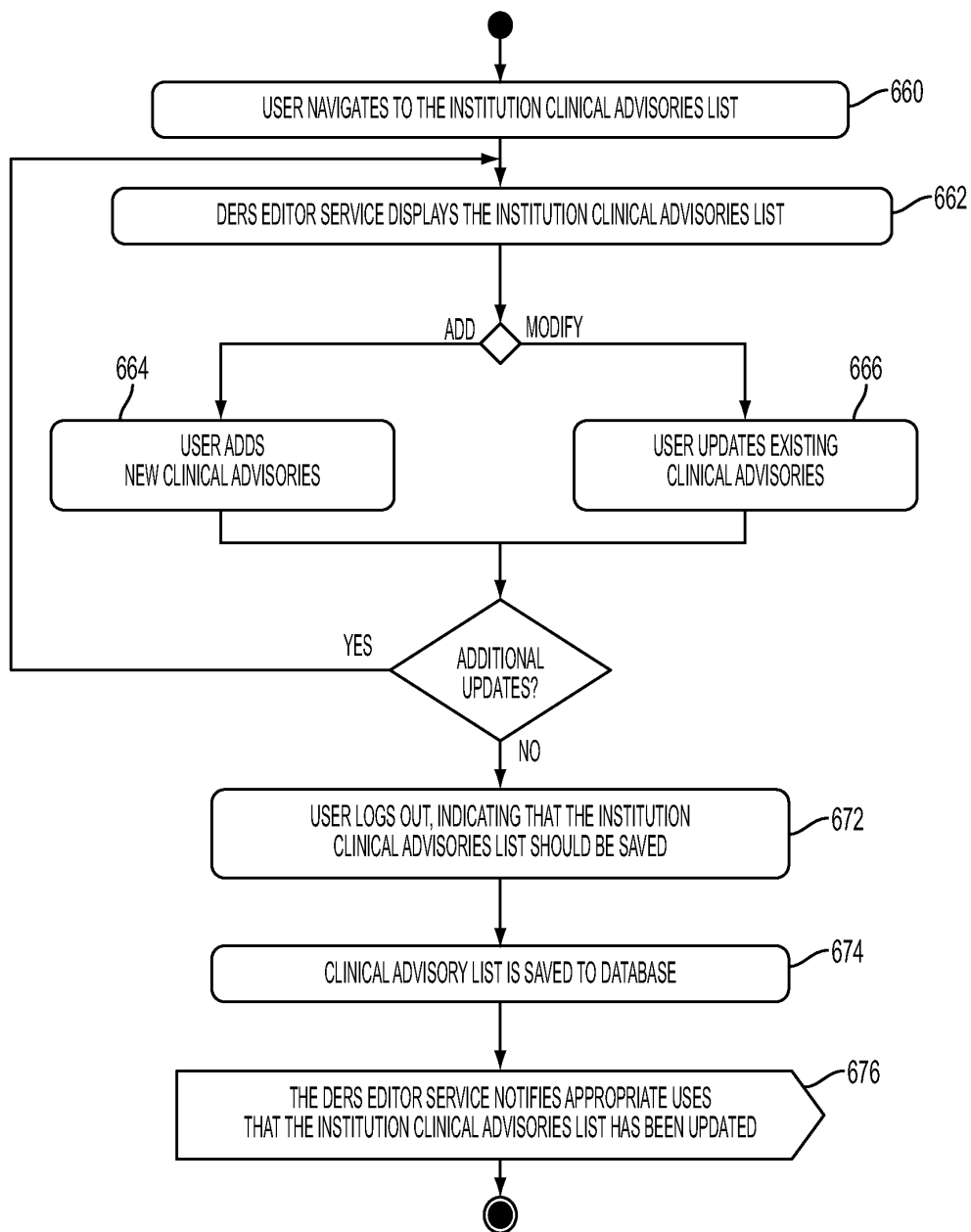


FIG. 34

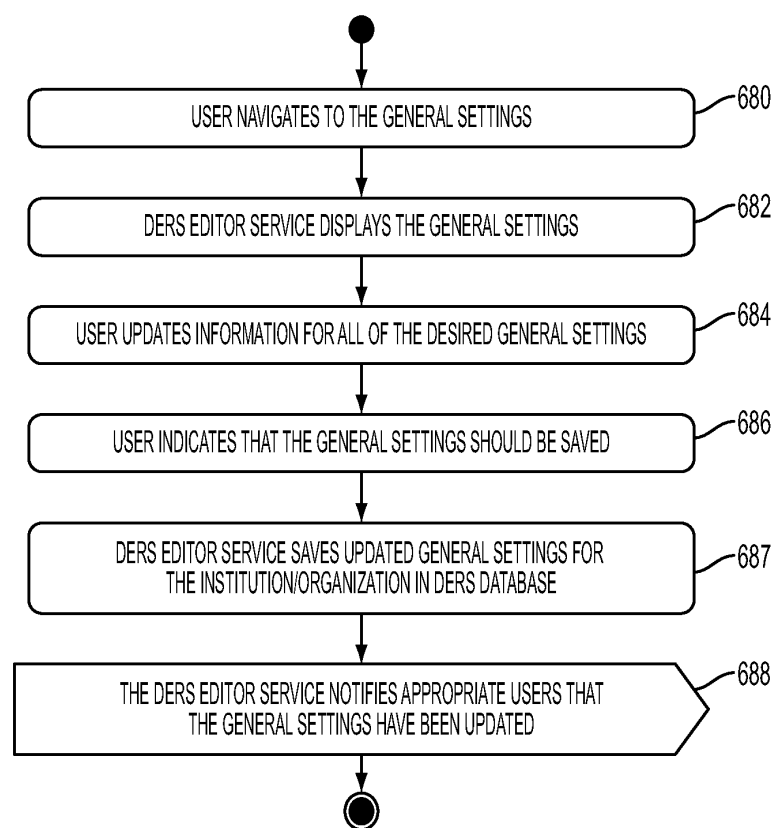


FIG. 35

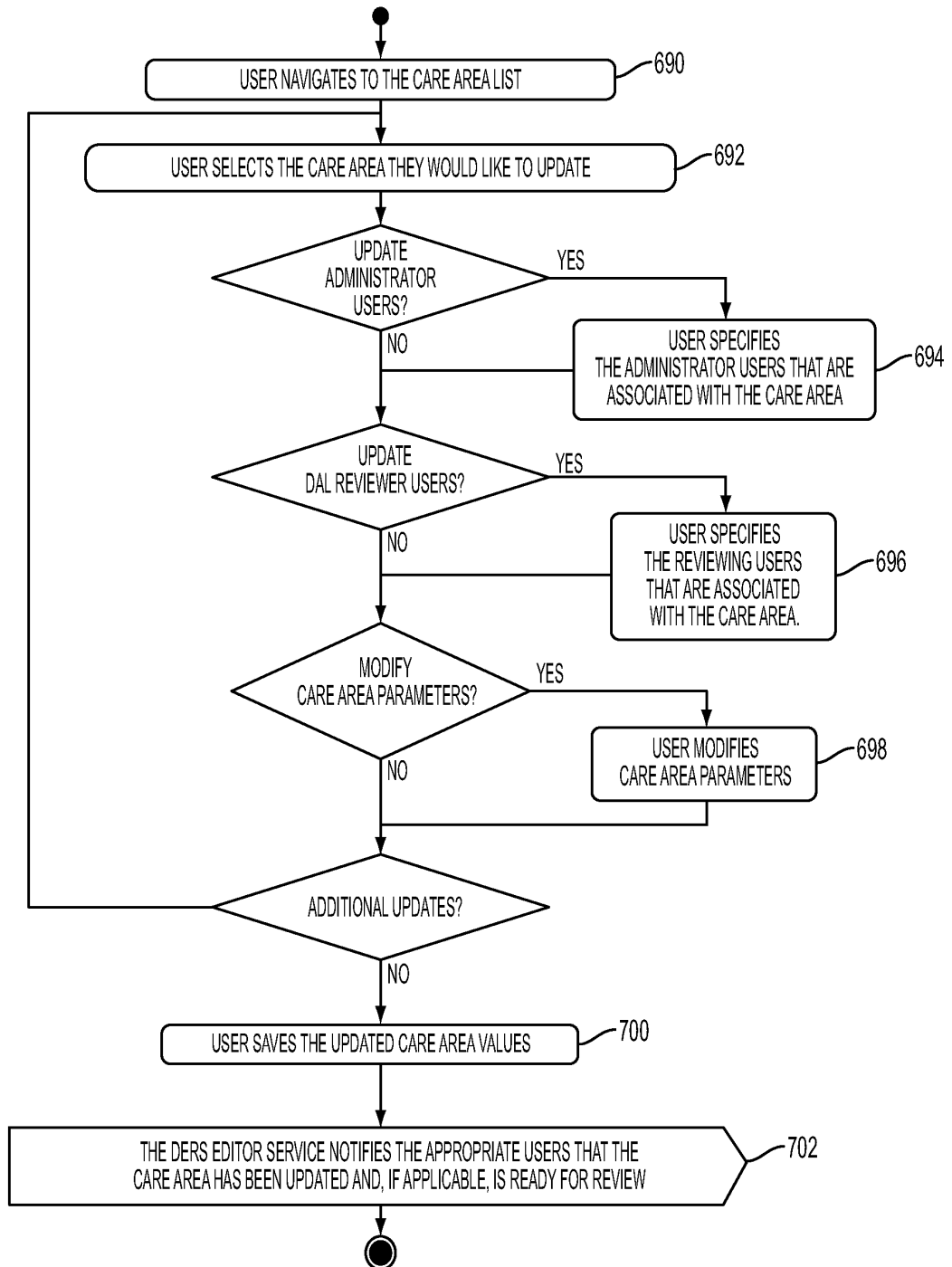


FIG. 36

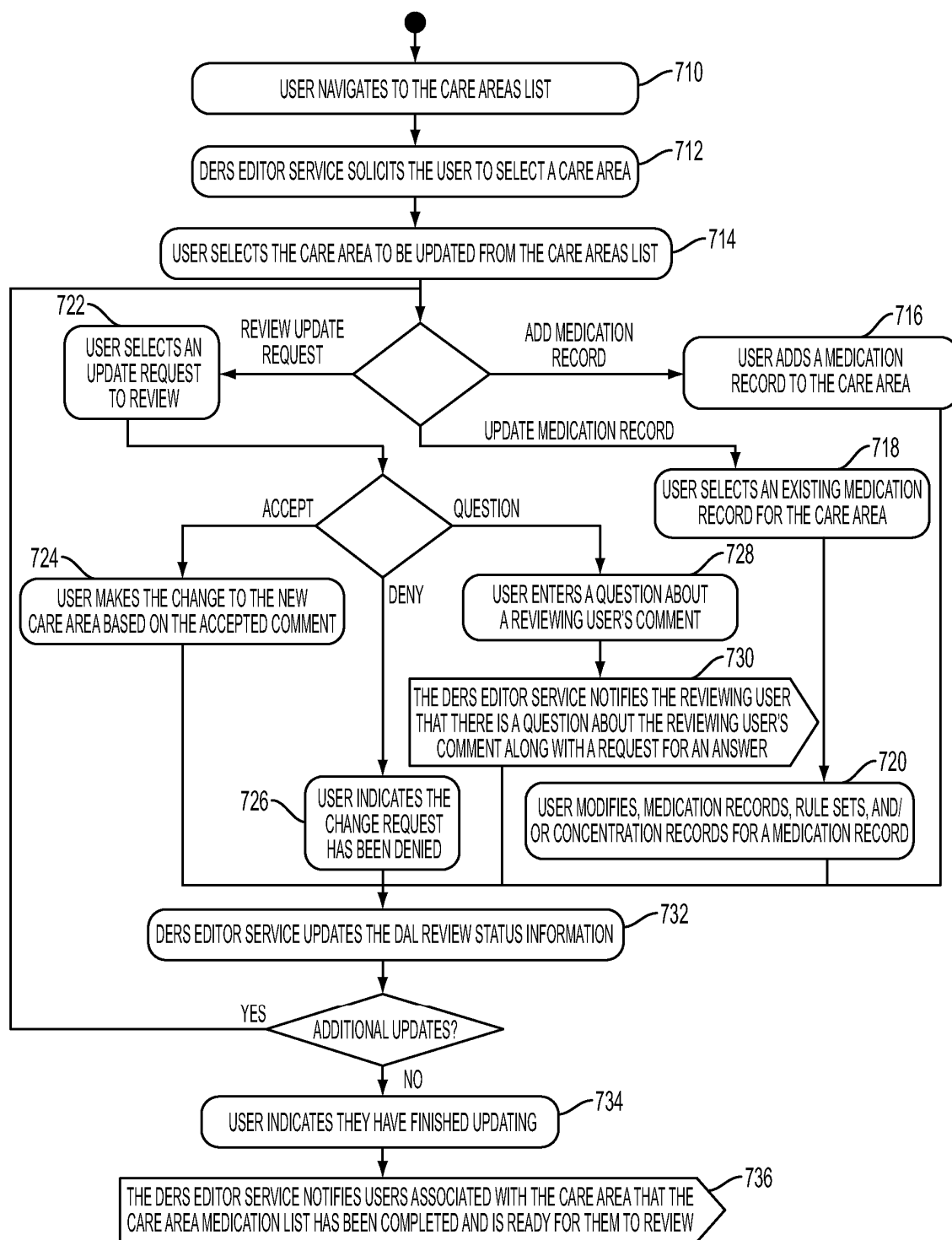


FIG. 37

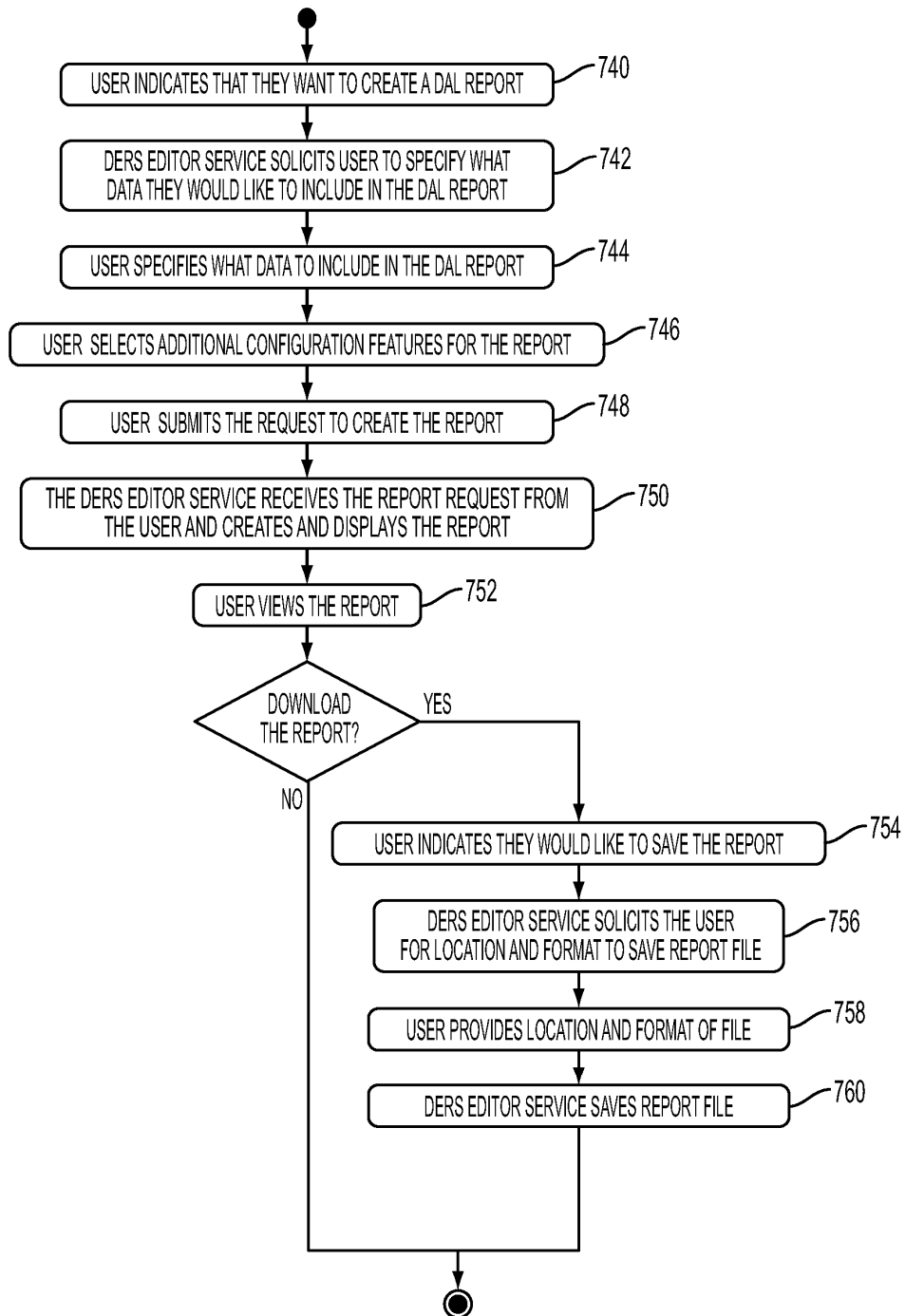


FIG. 38

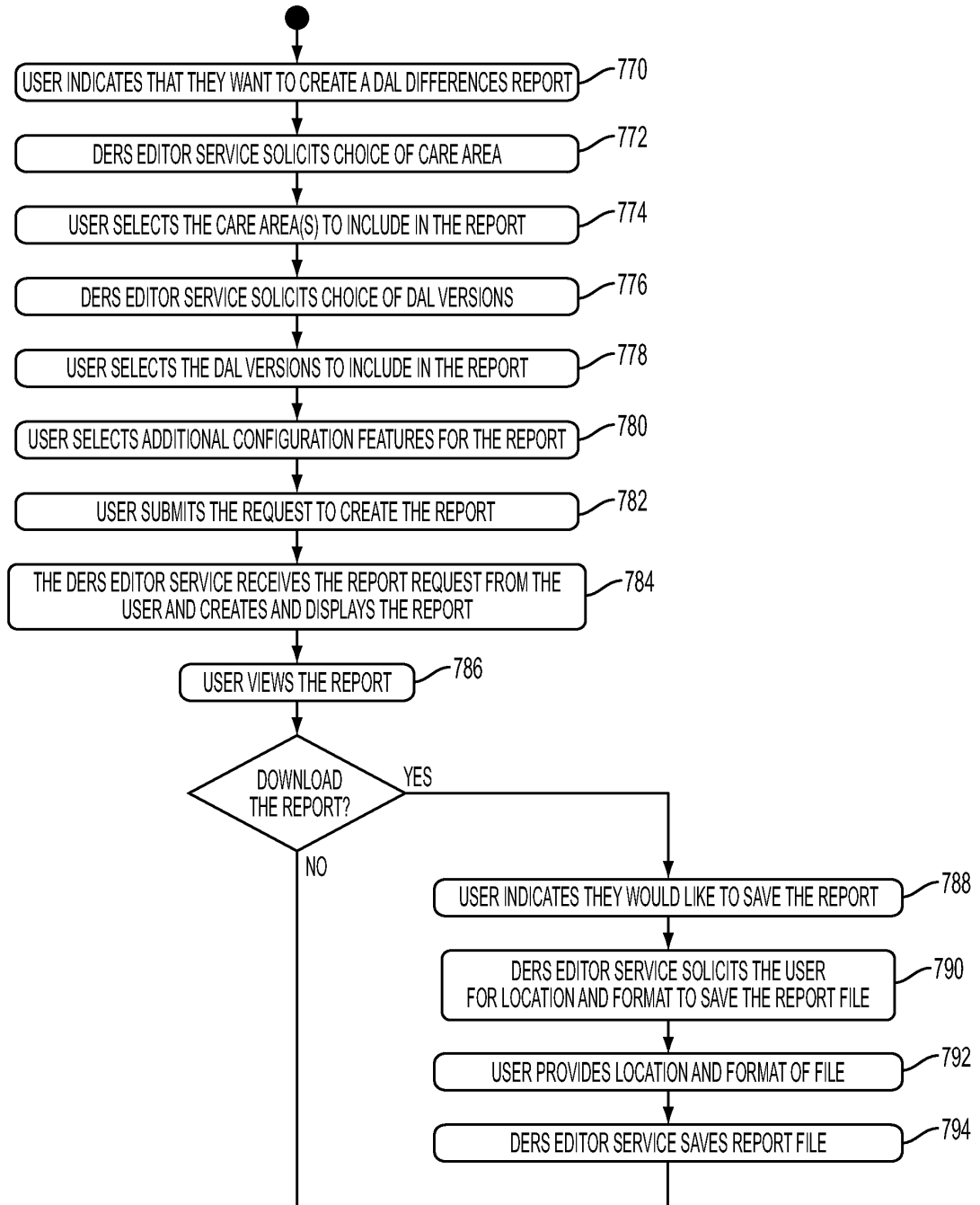


FIG. 39

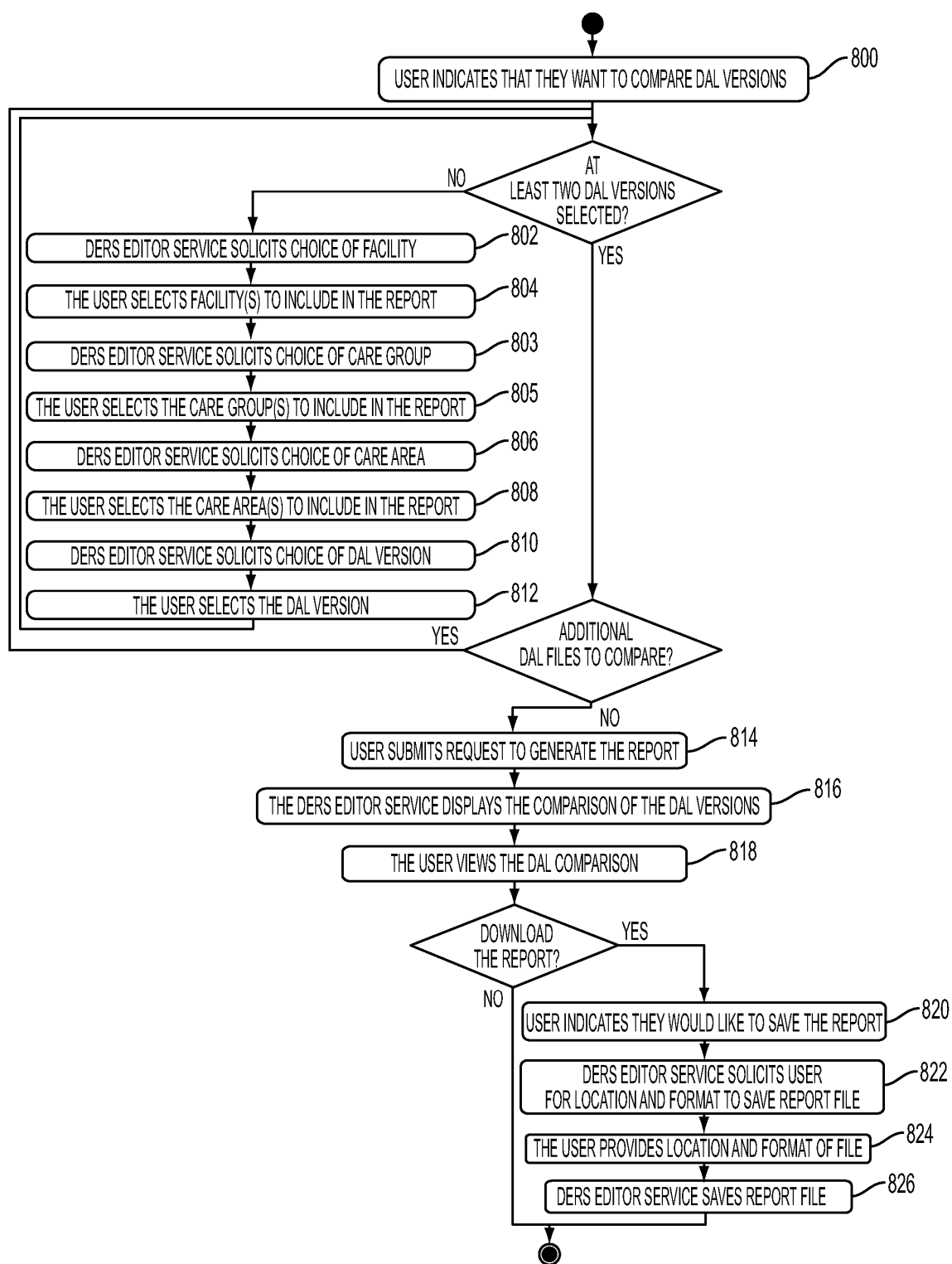


FIG. 40

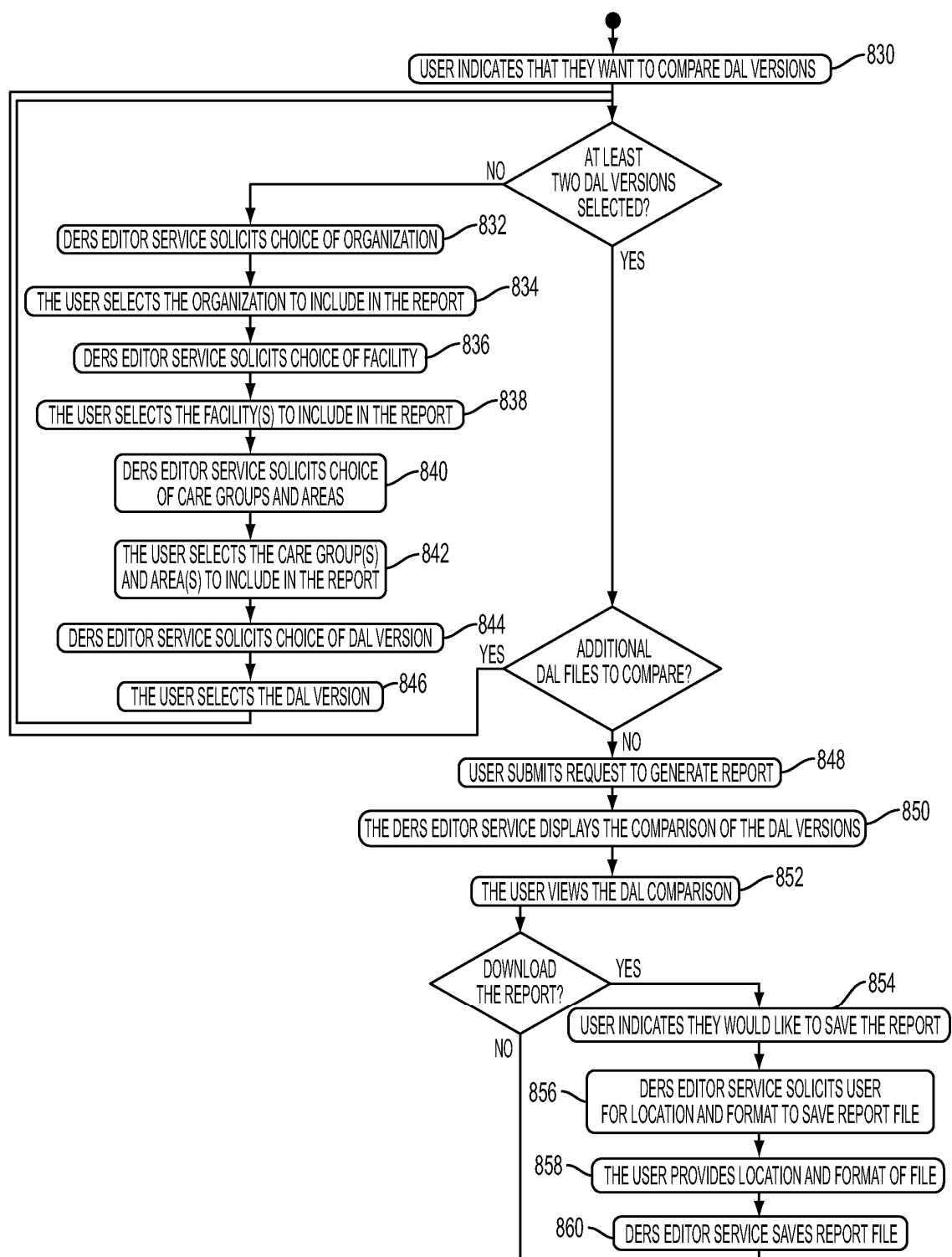


FIG. 41 ●

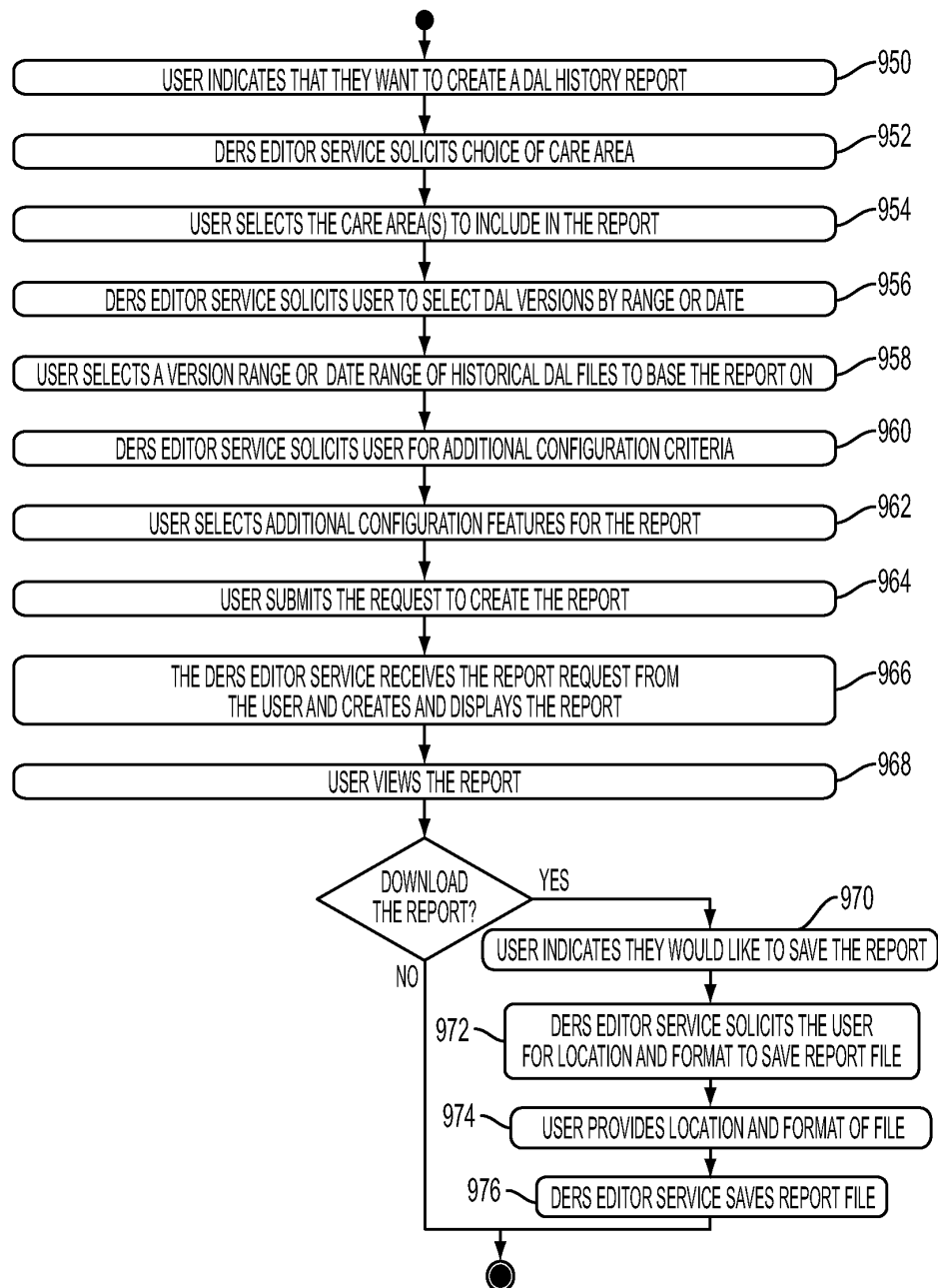


FIG. 42

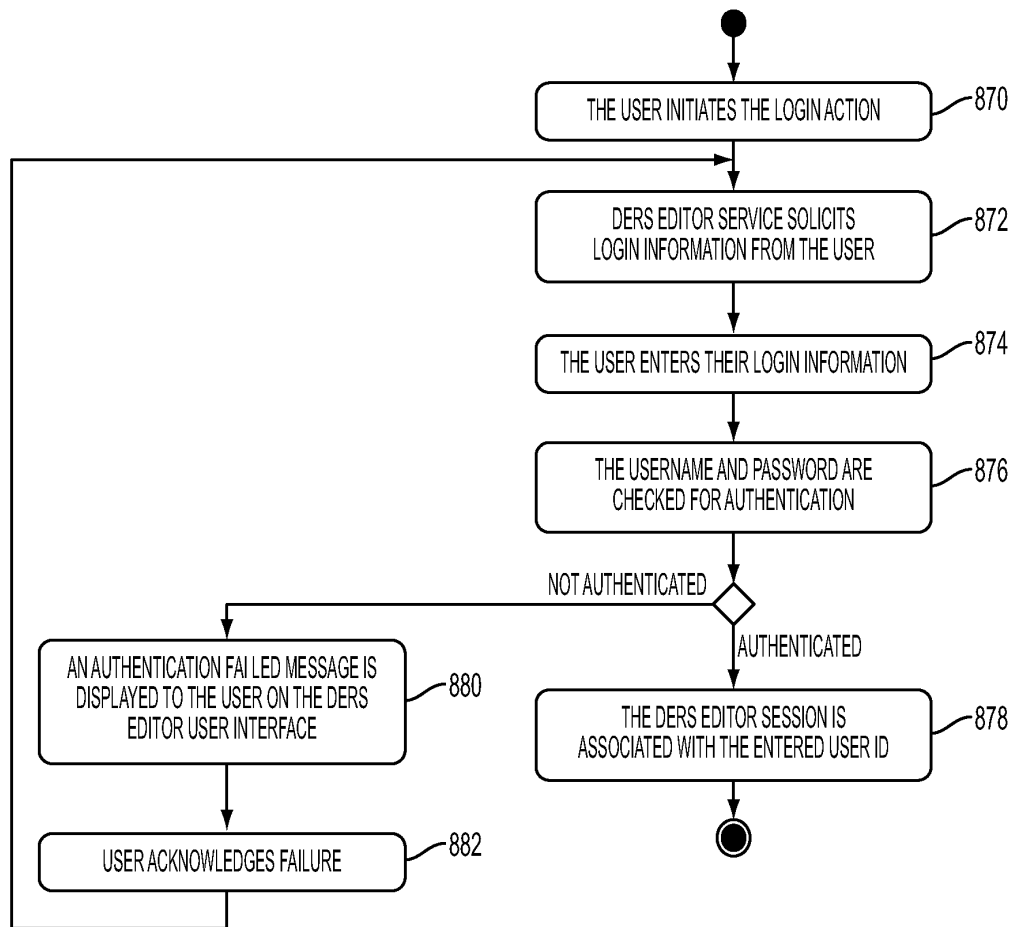


FIG. 43

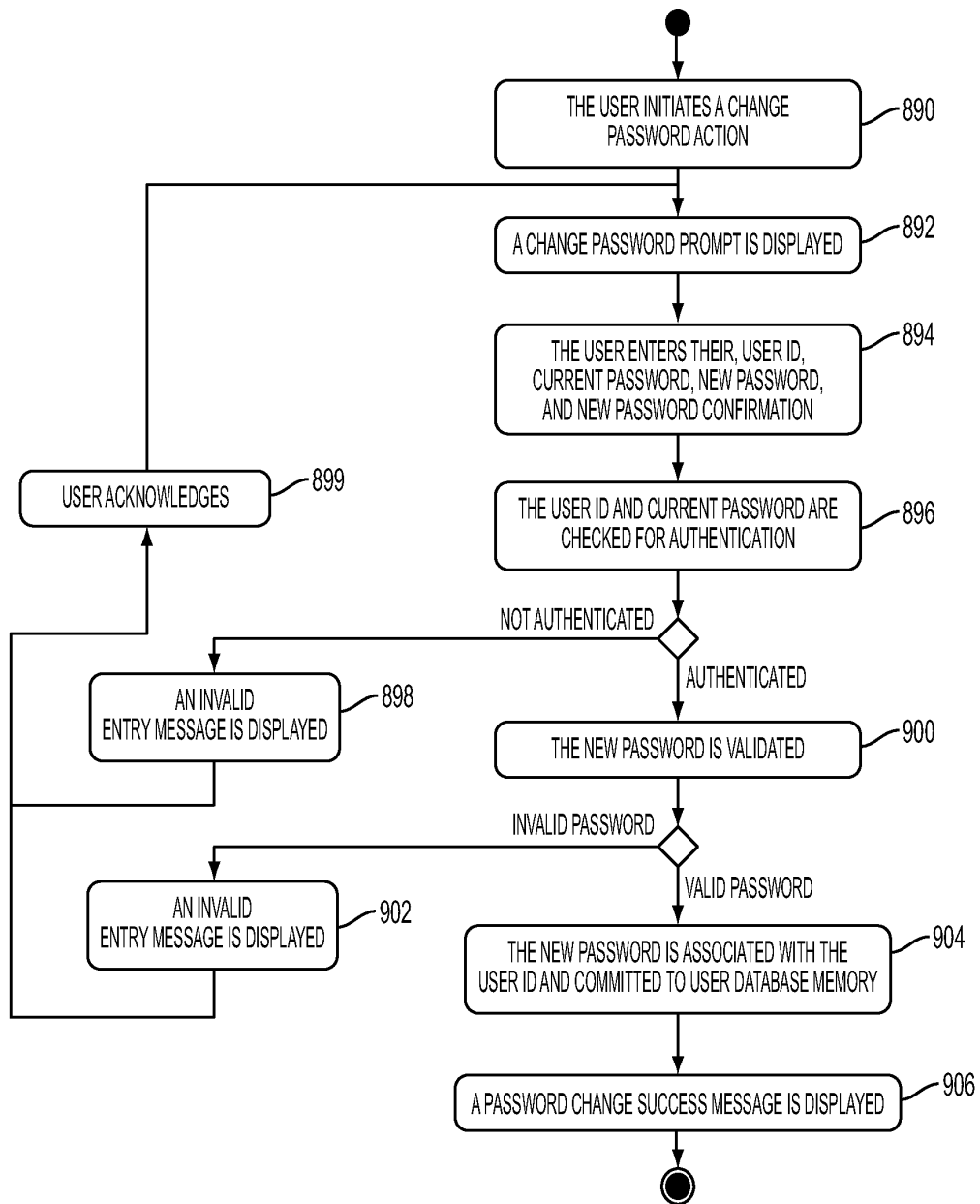


FIG. 44

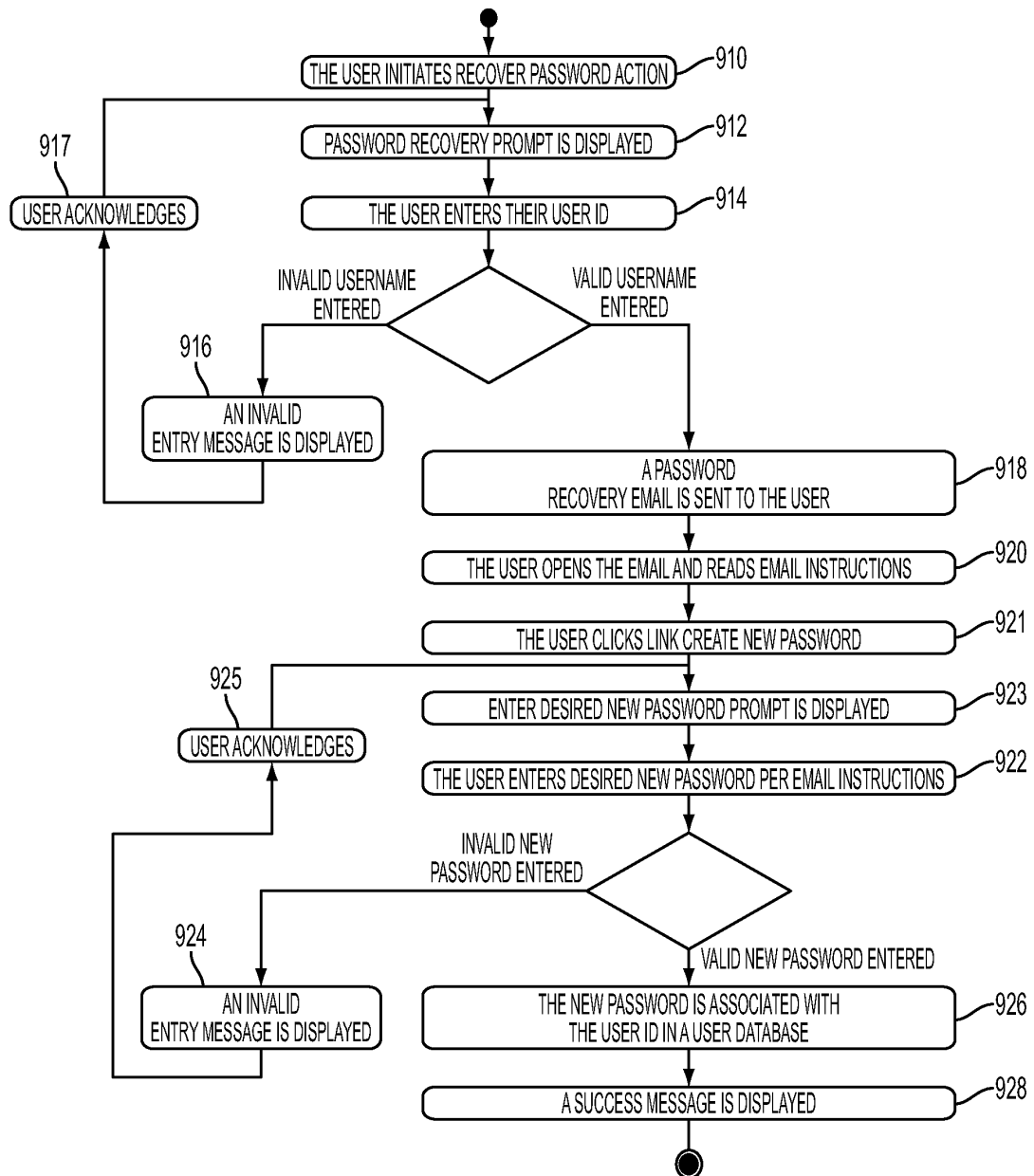


FIG. 45

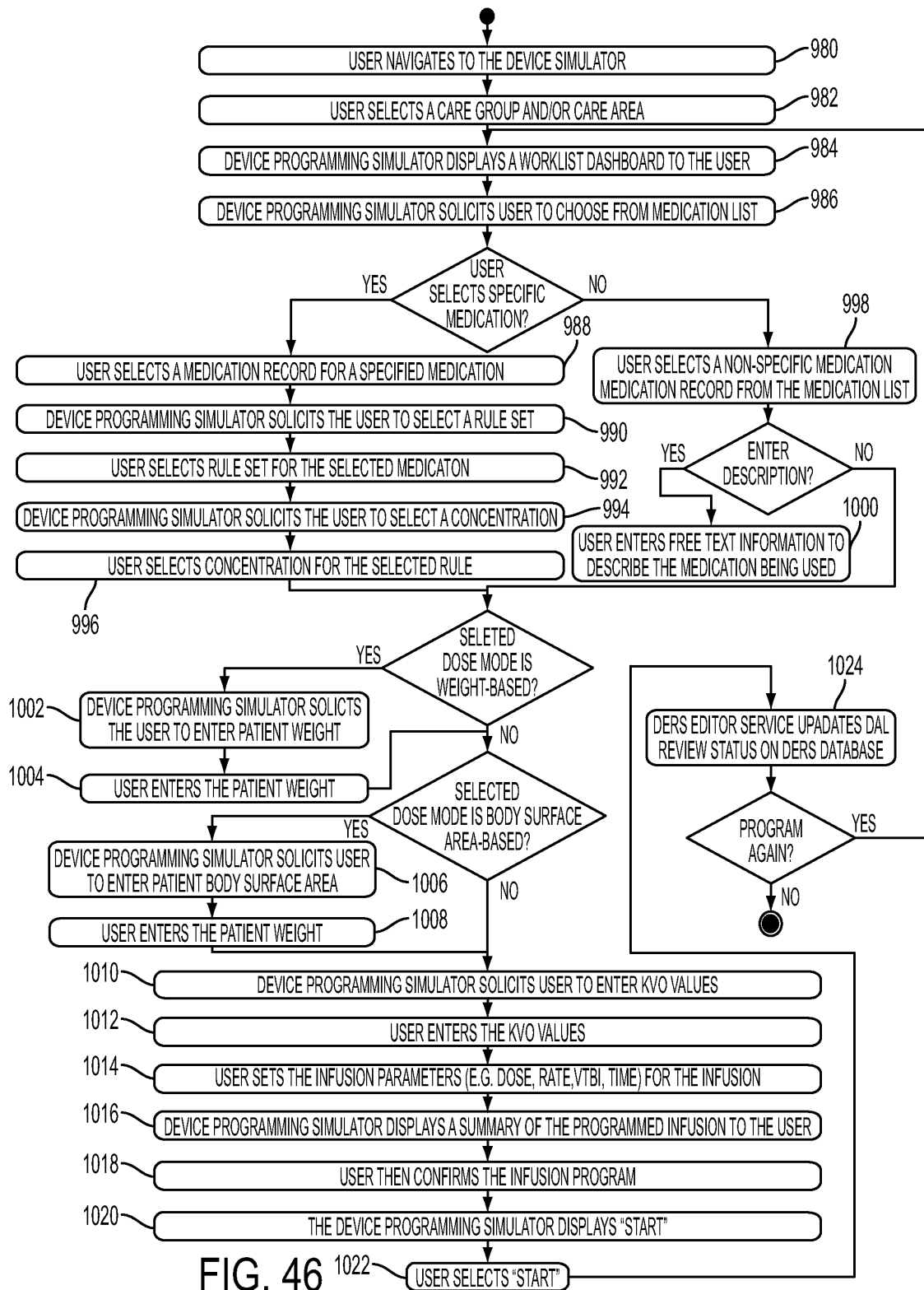


FIG. 46

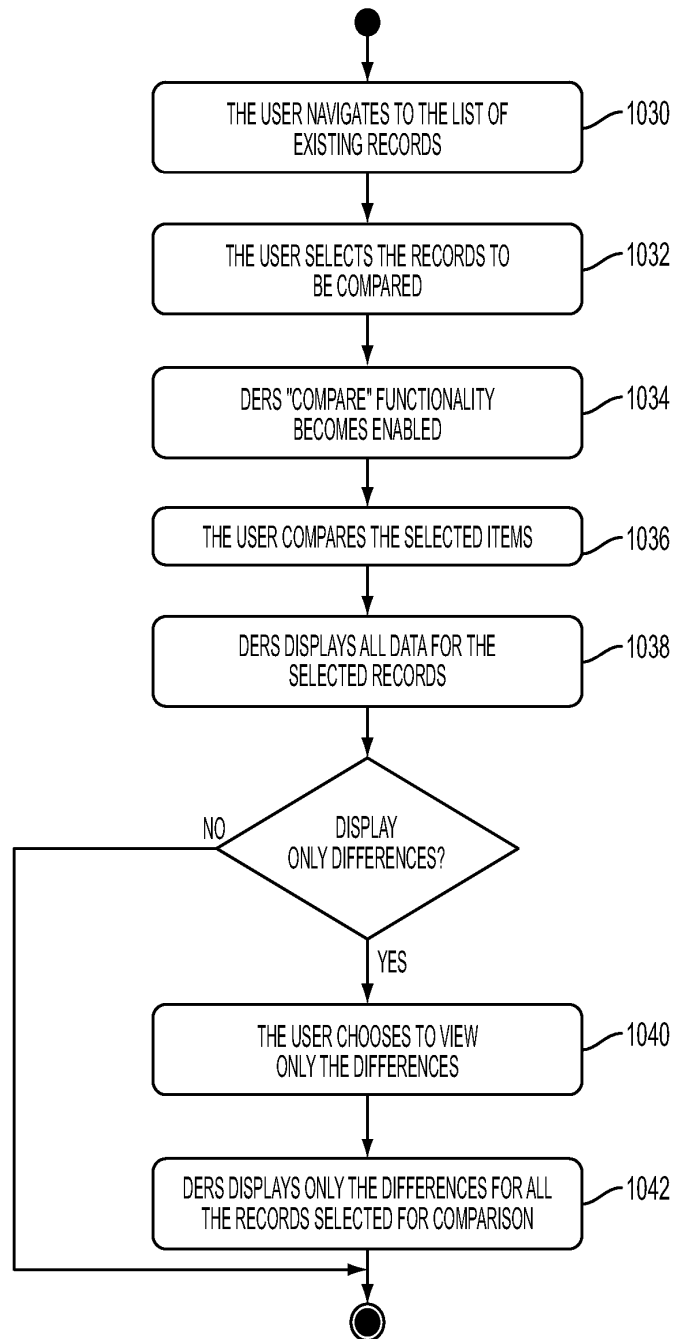


FIG. 47

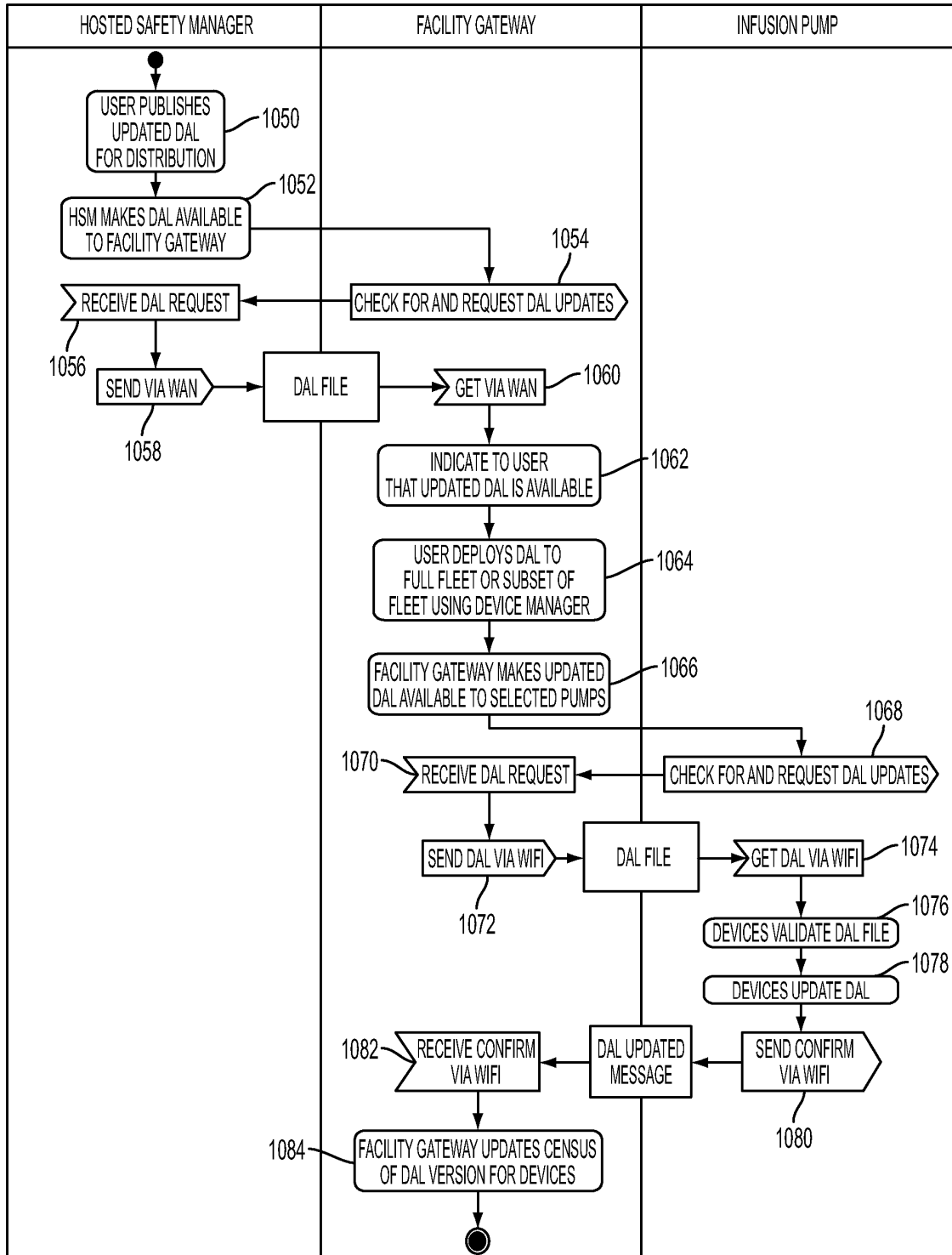


FIG. 48

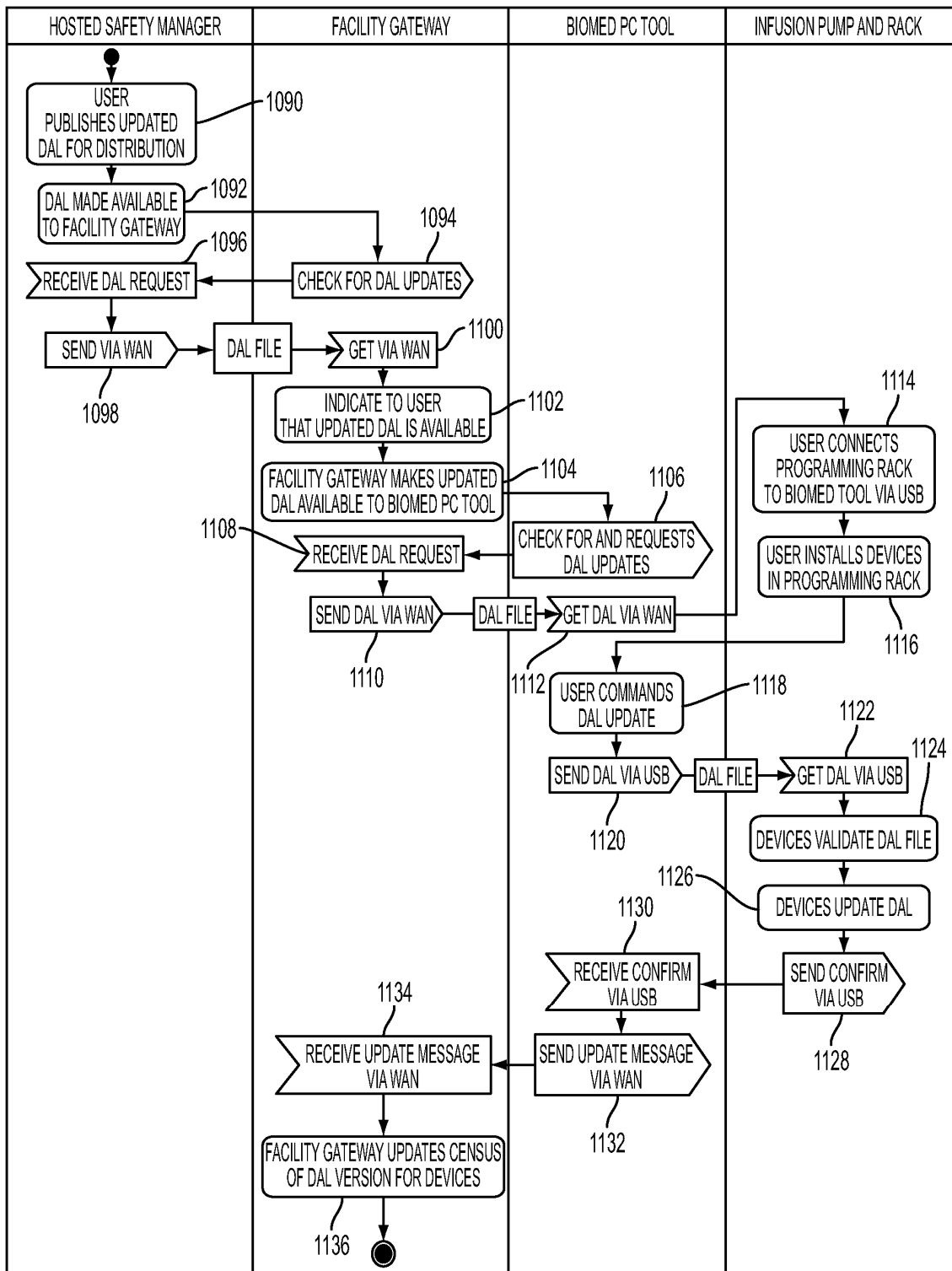
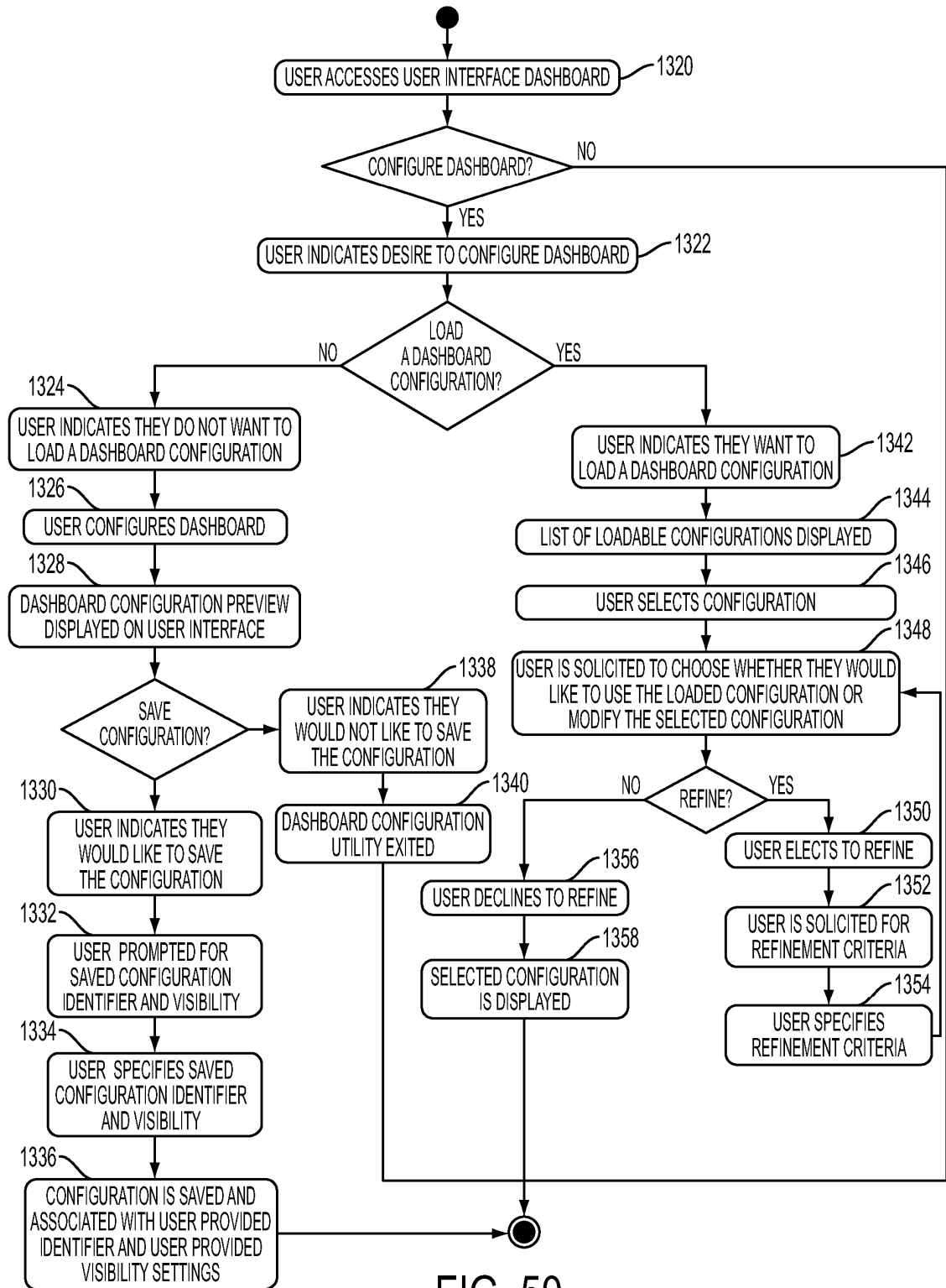


FIG. 49



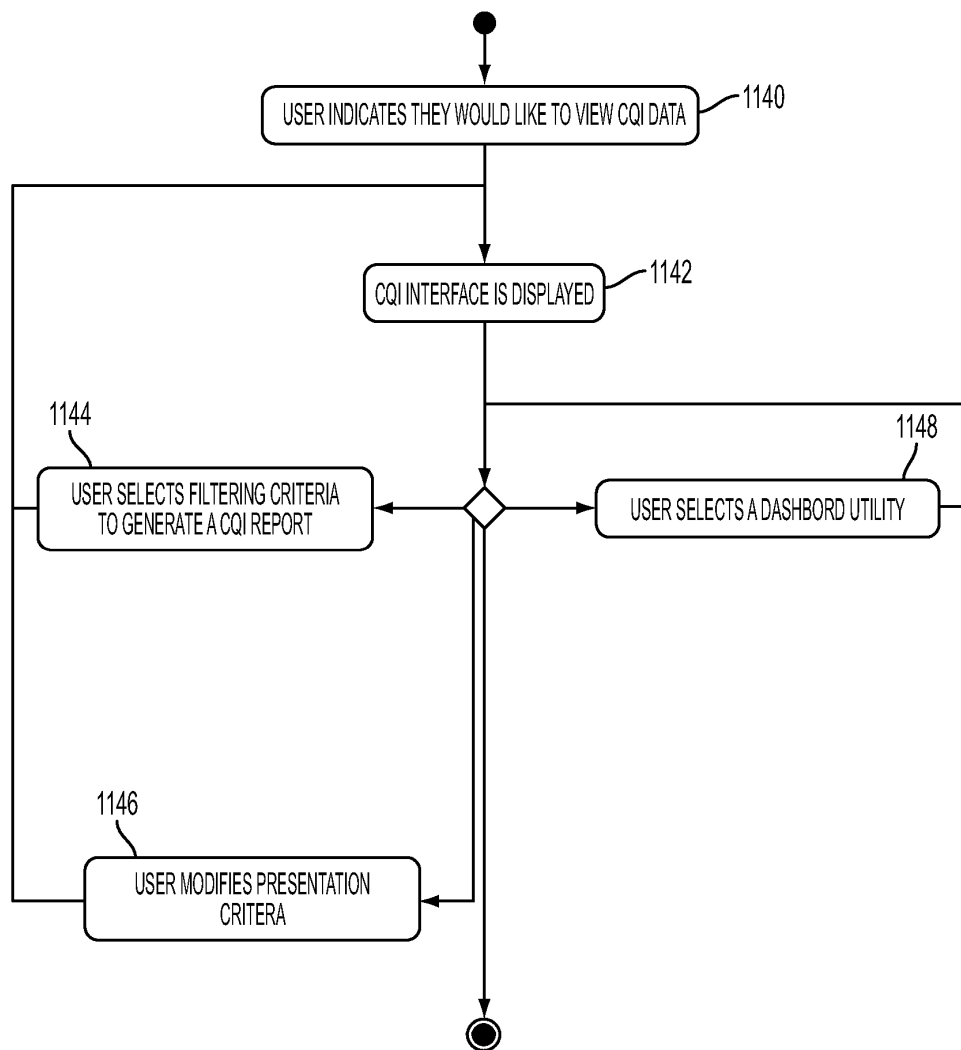


FIG. 51

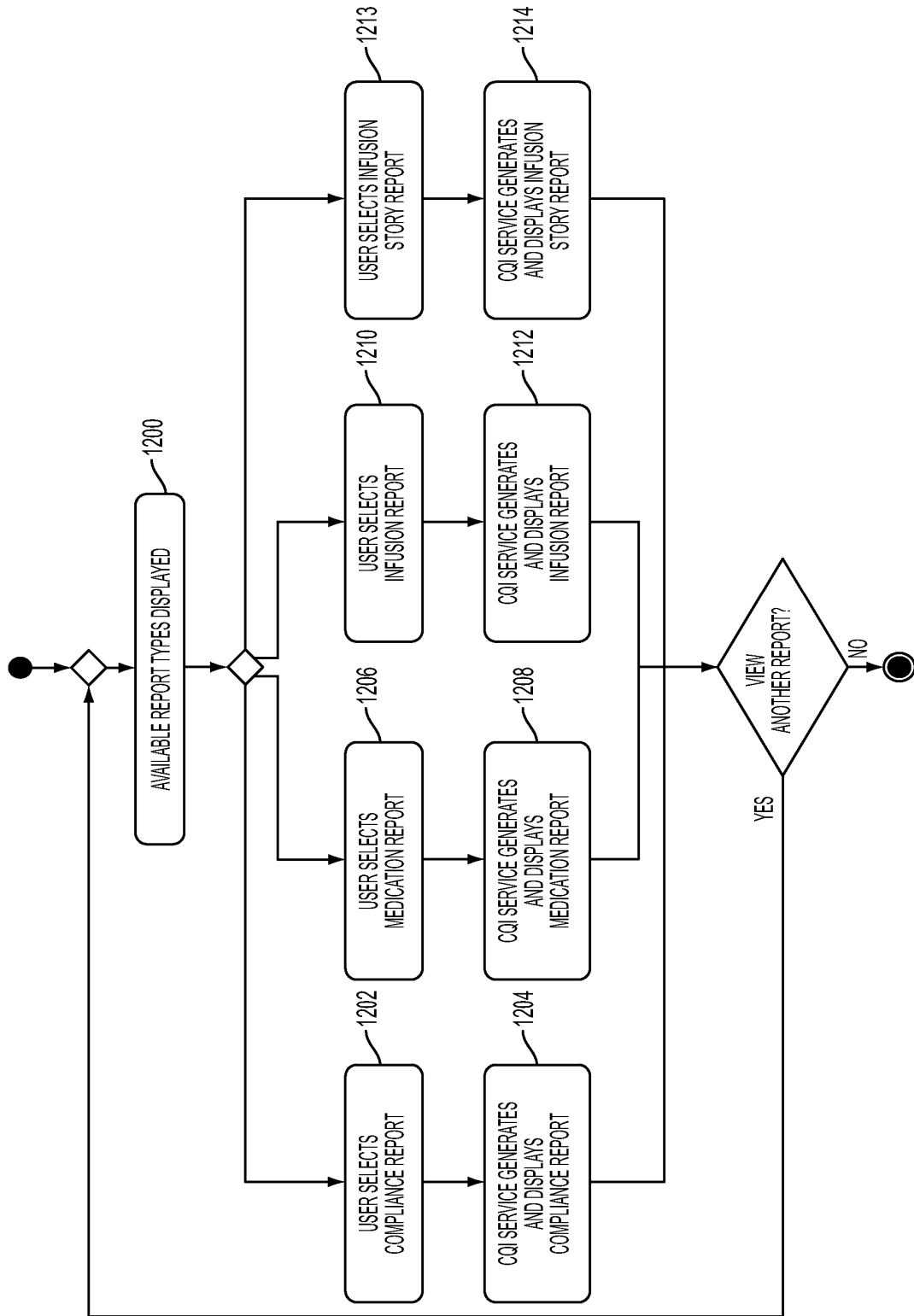


FIG. 52

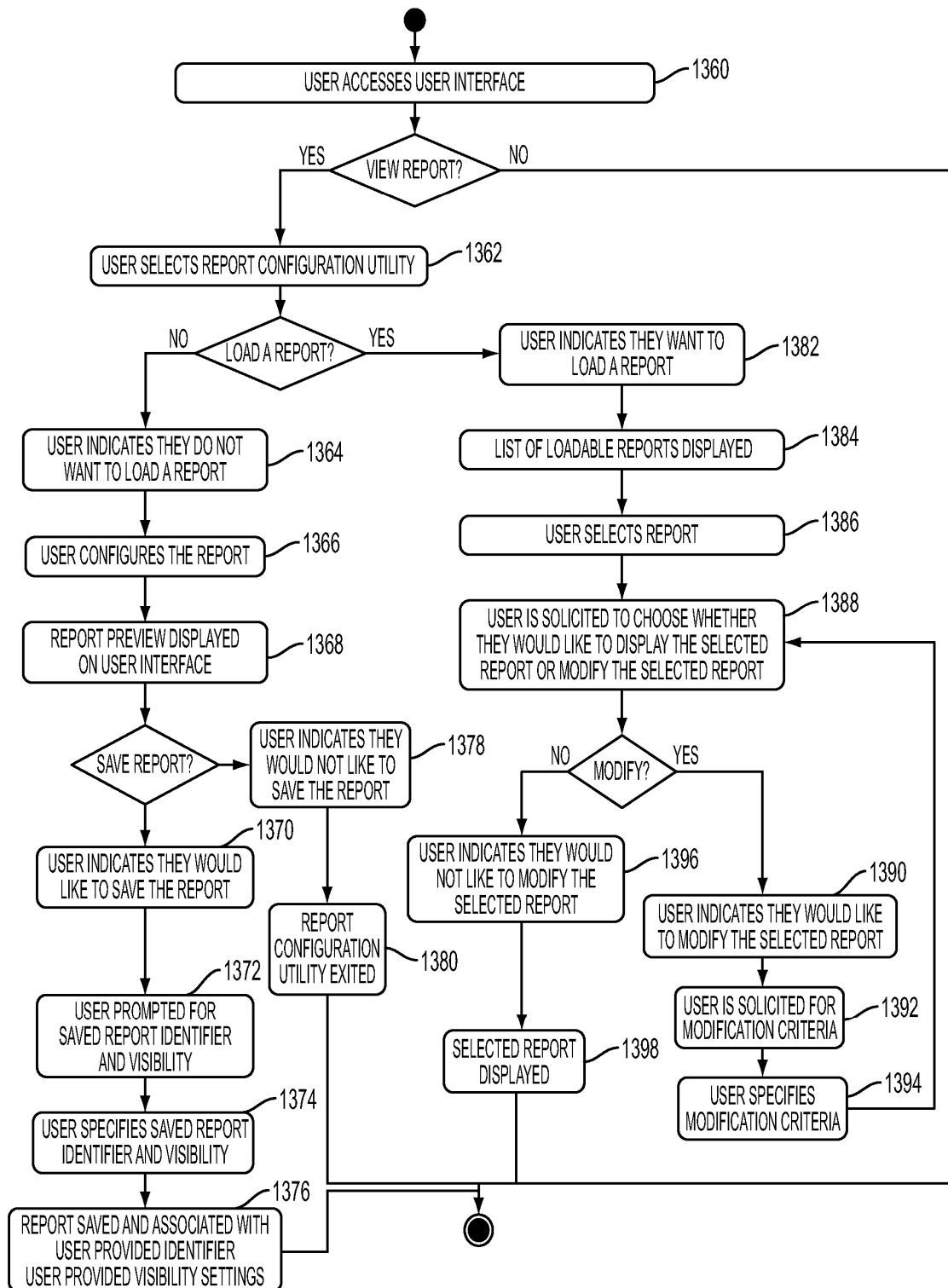


FIG. 53

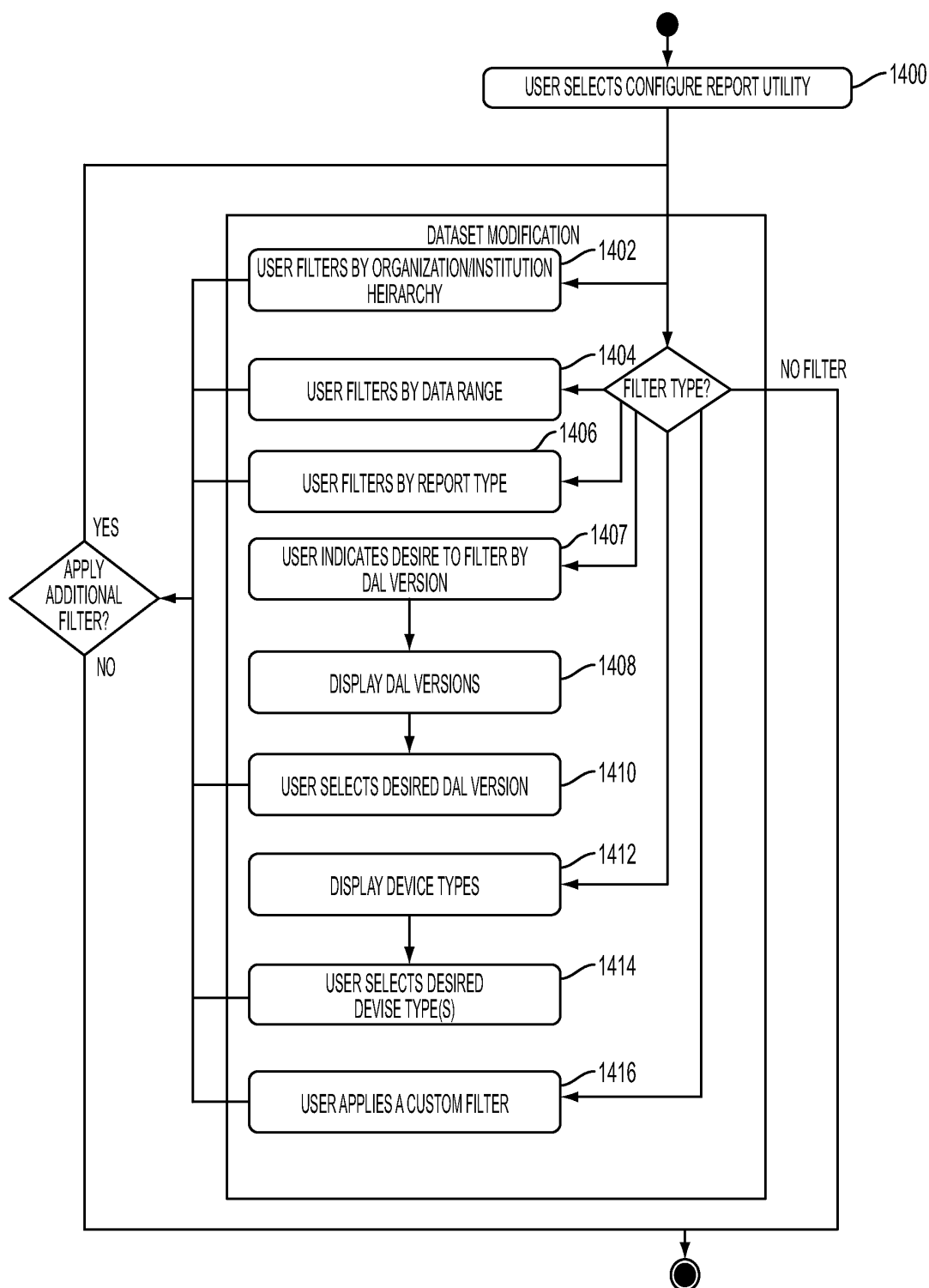


FIG. 54

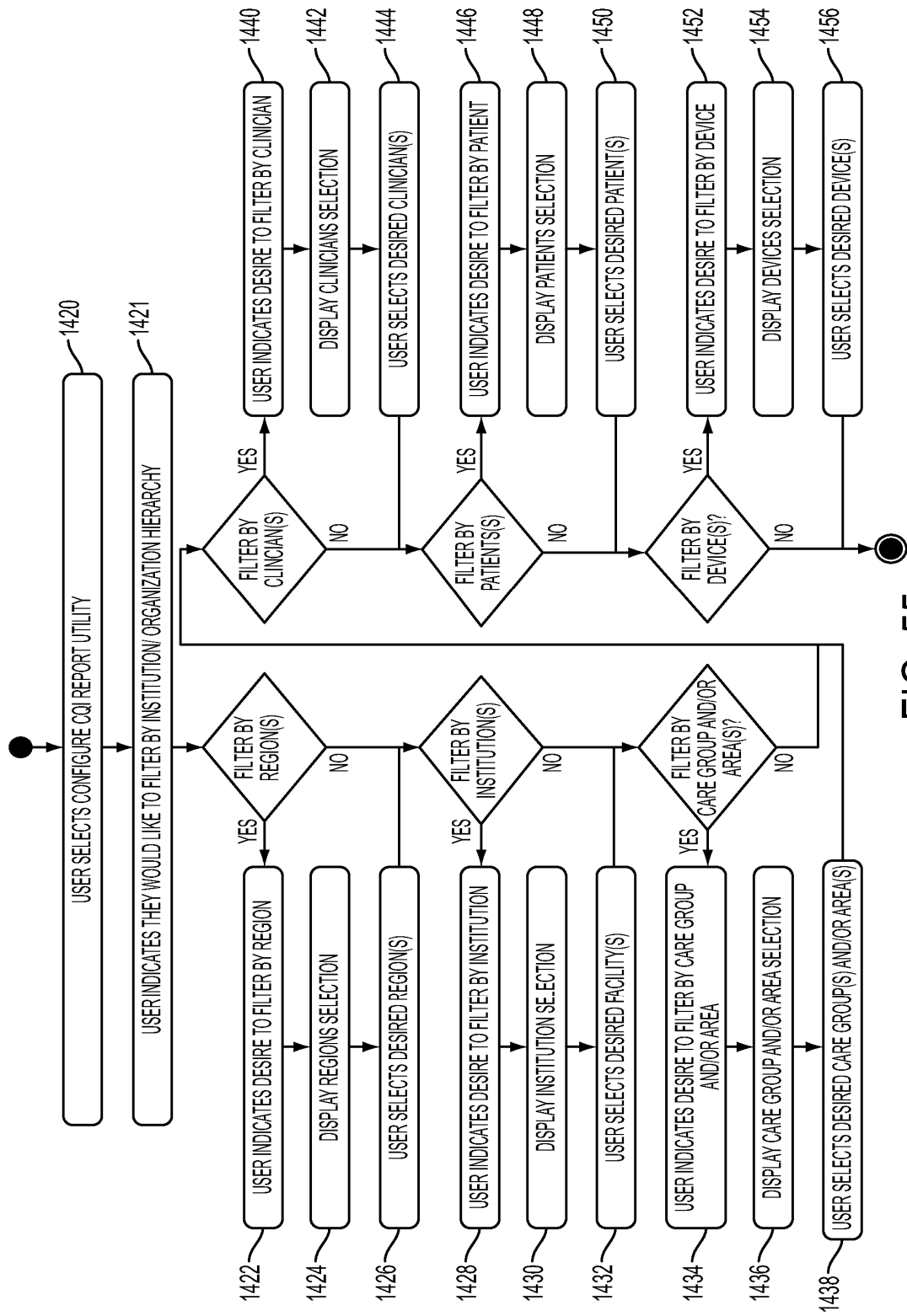


FIG. 55

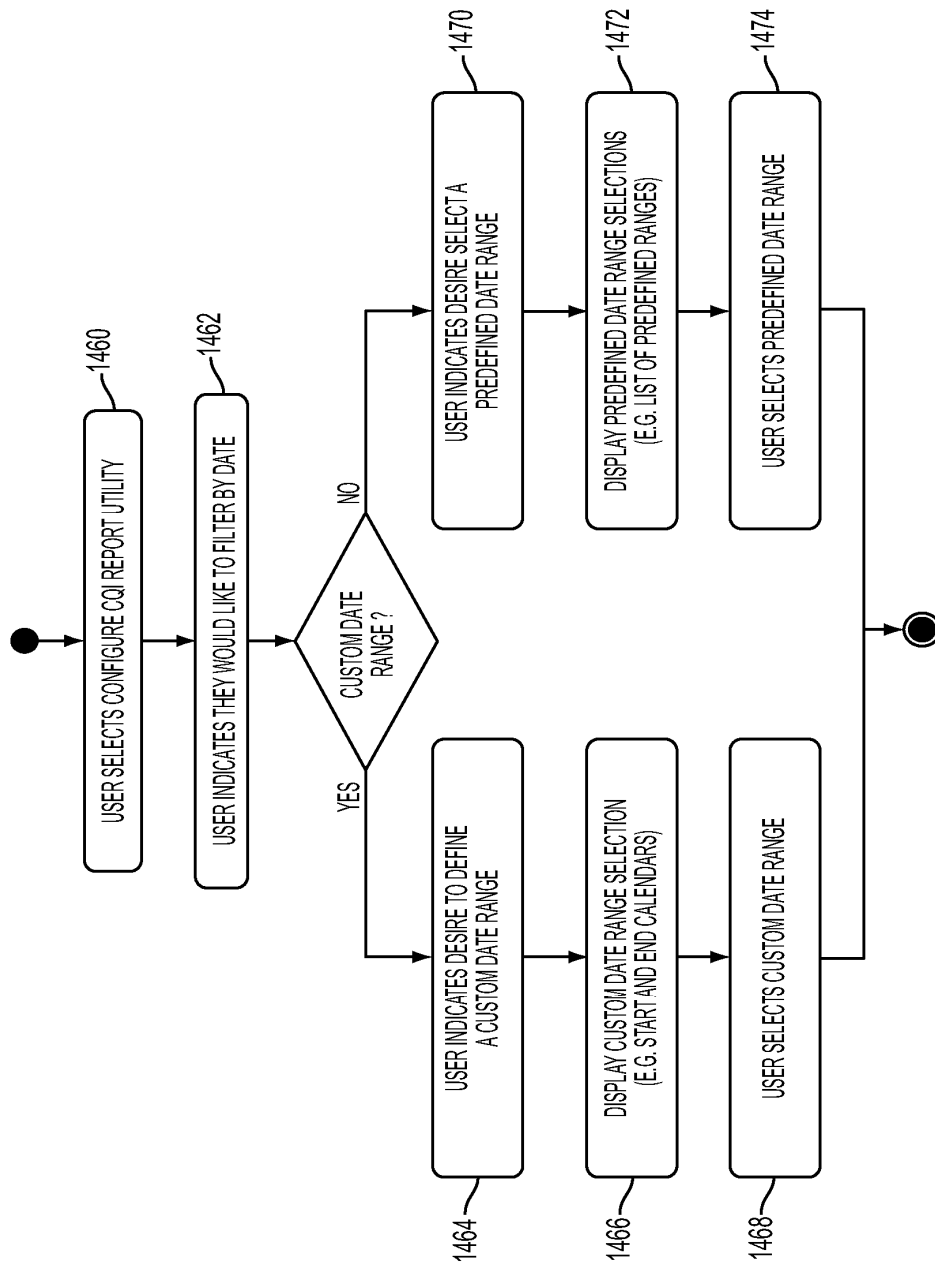


FIG. 56

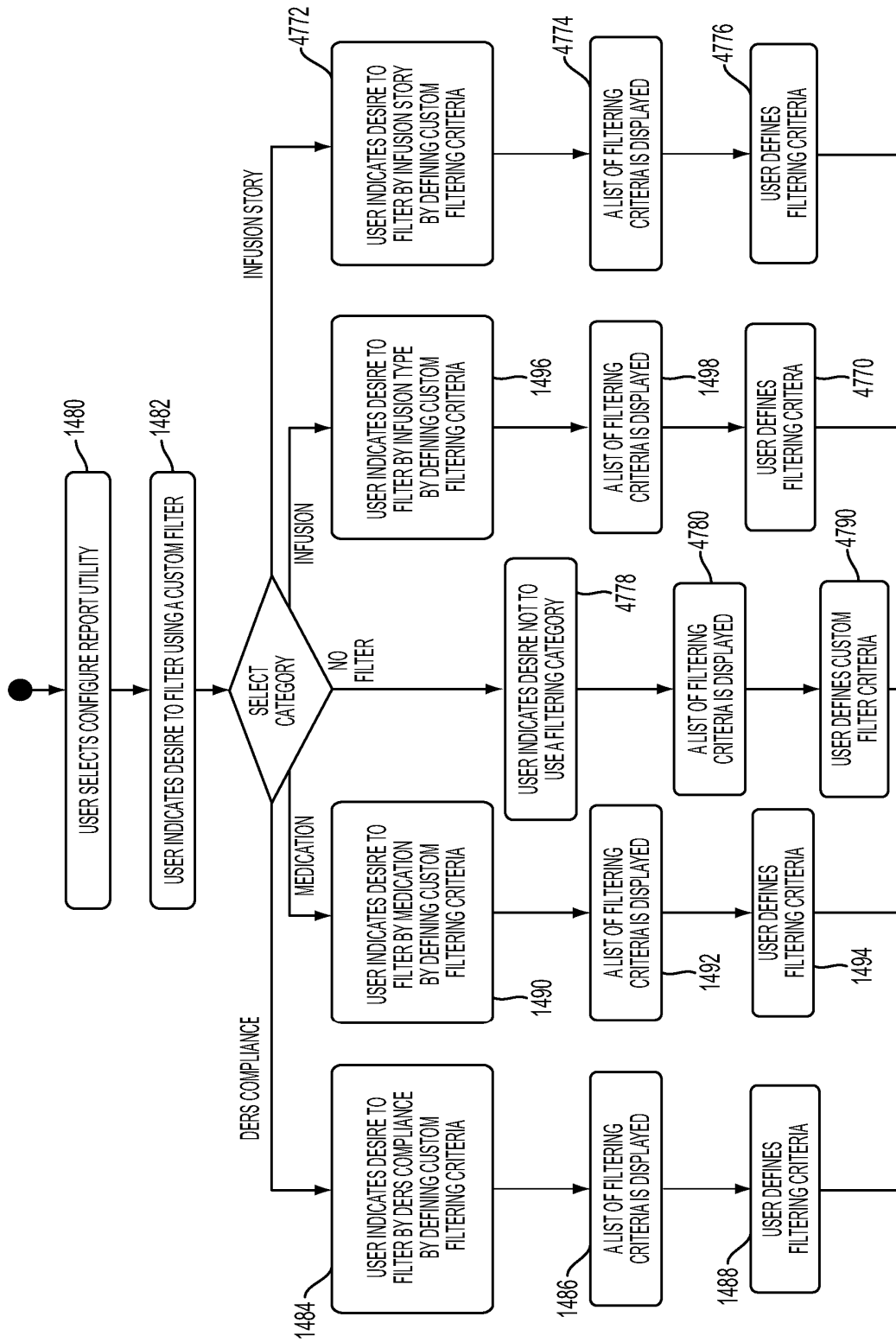


FIG. 57

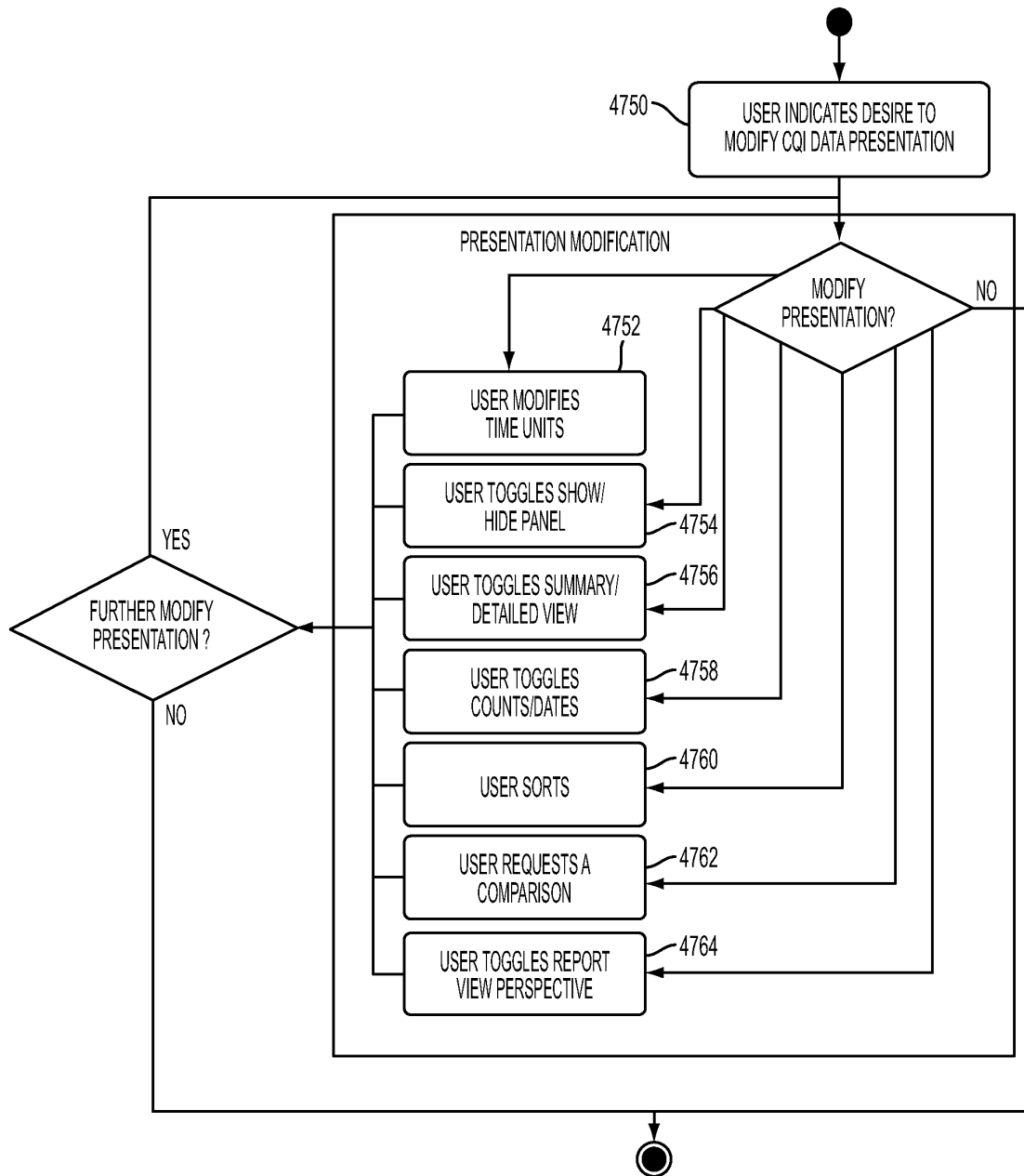


FIG. 58

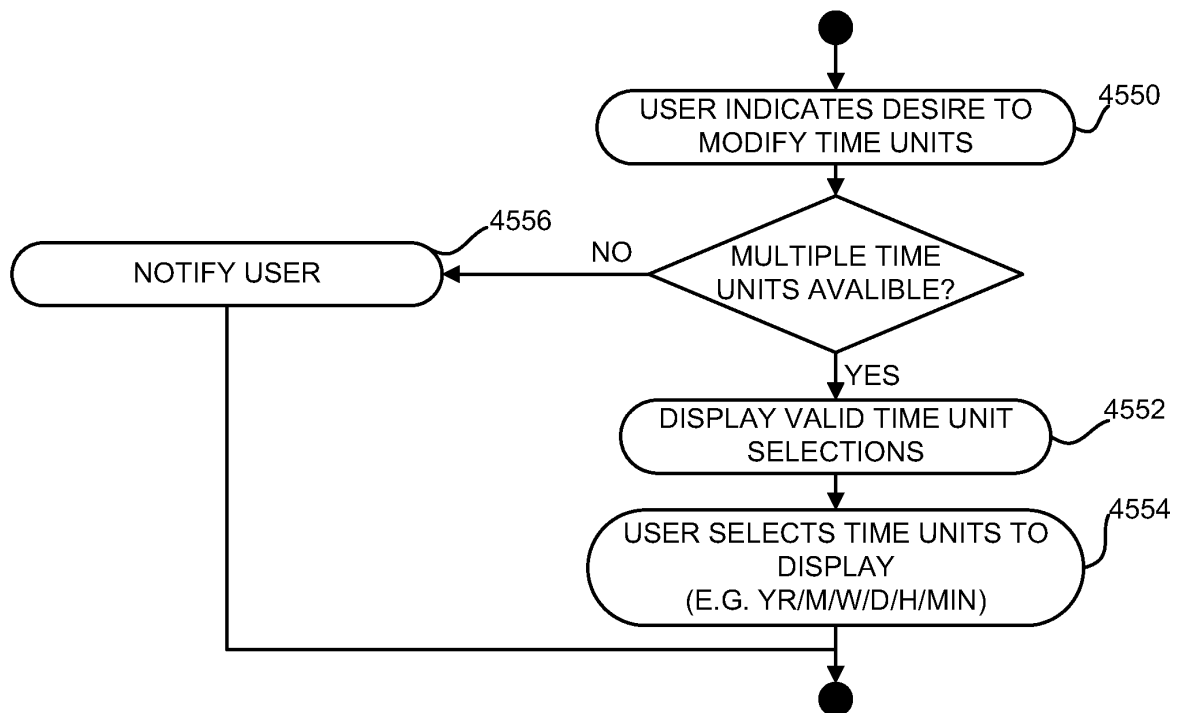


FIG. 59

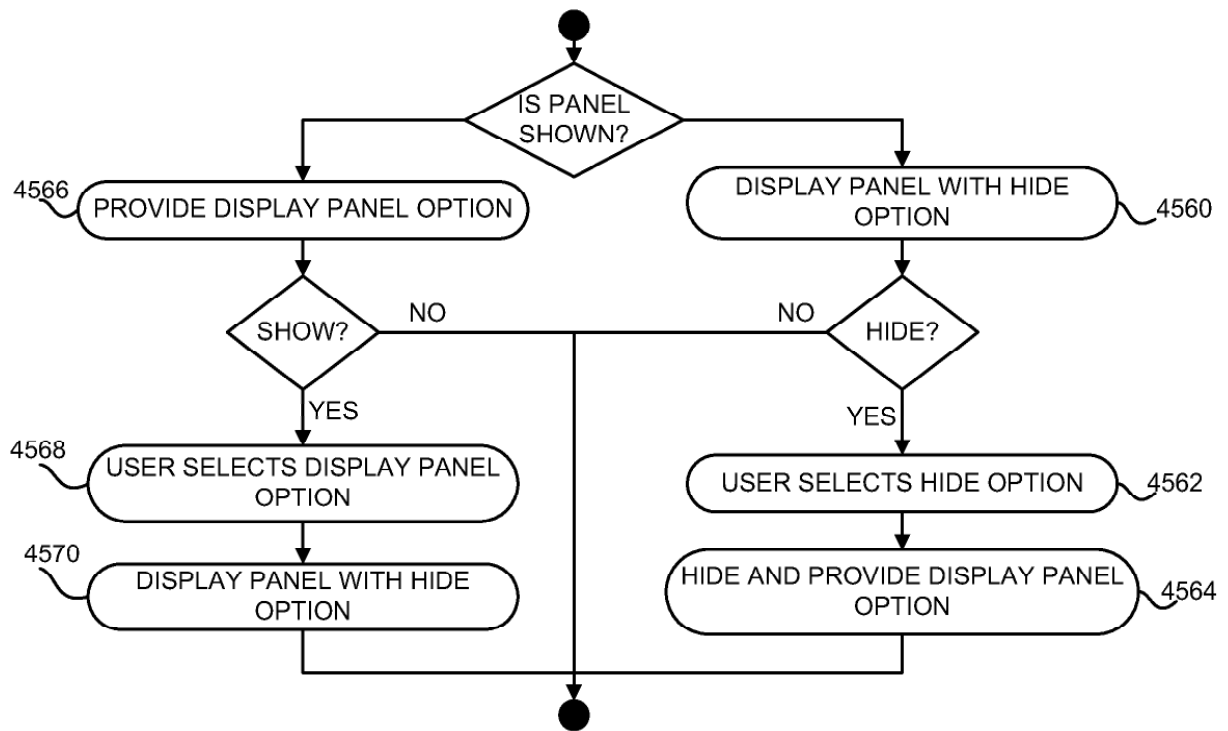


FIG. 60

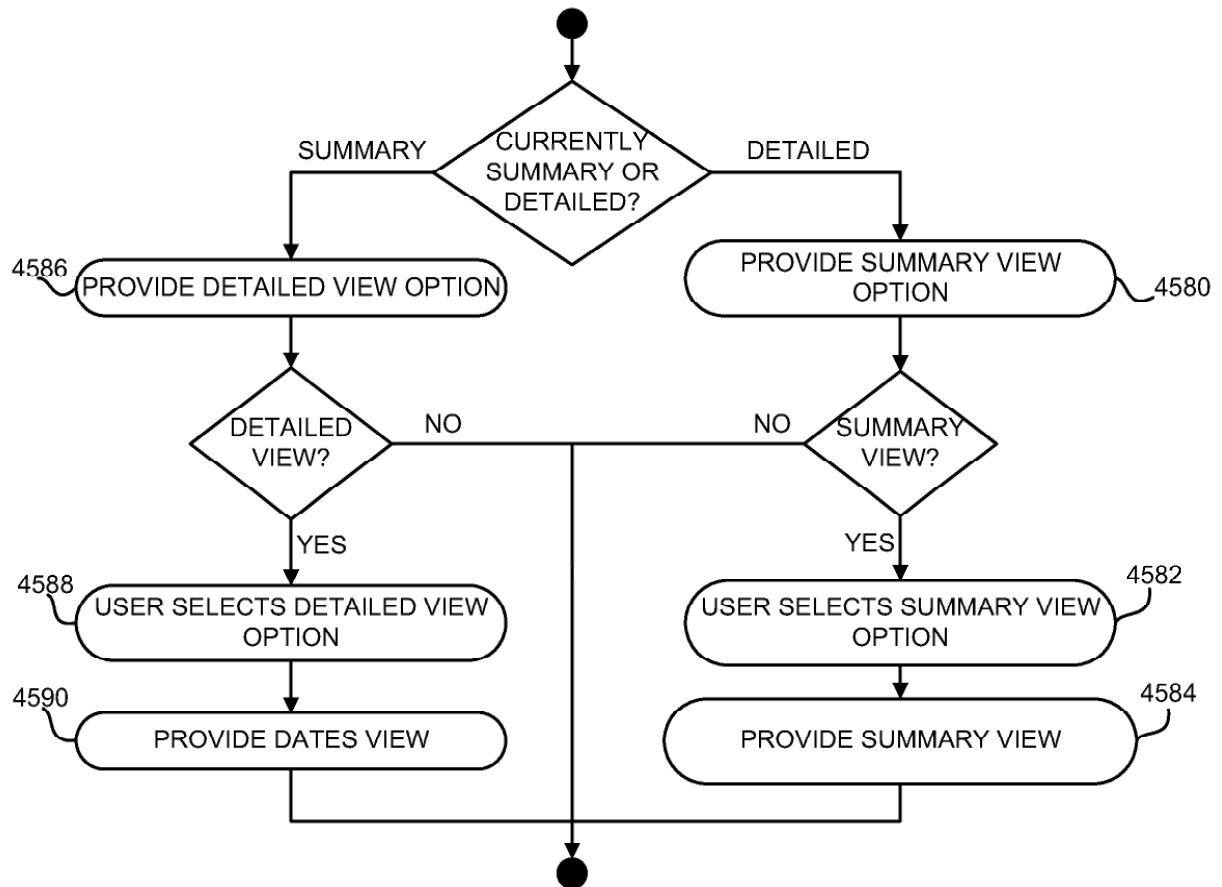


FIG. 61

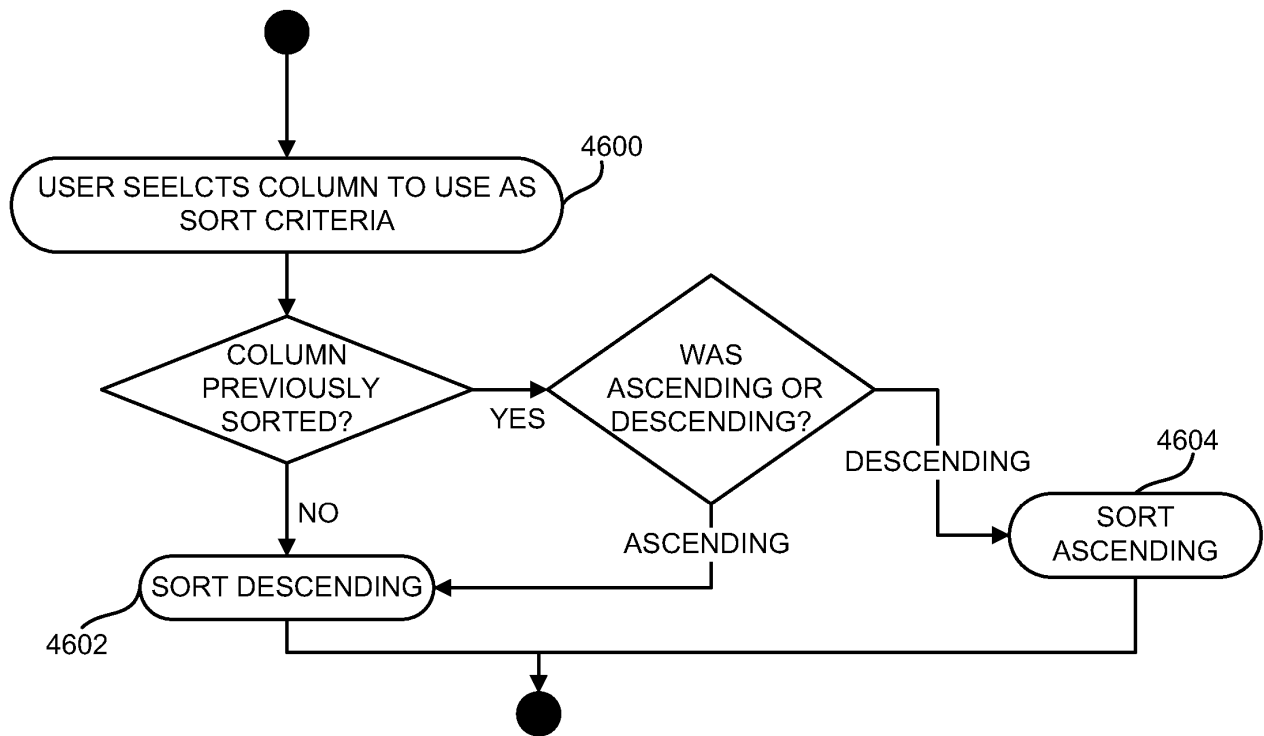


FIG. 62

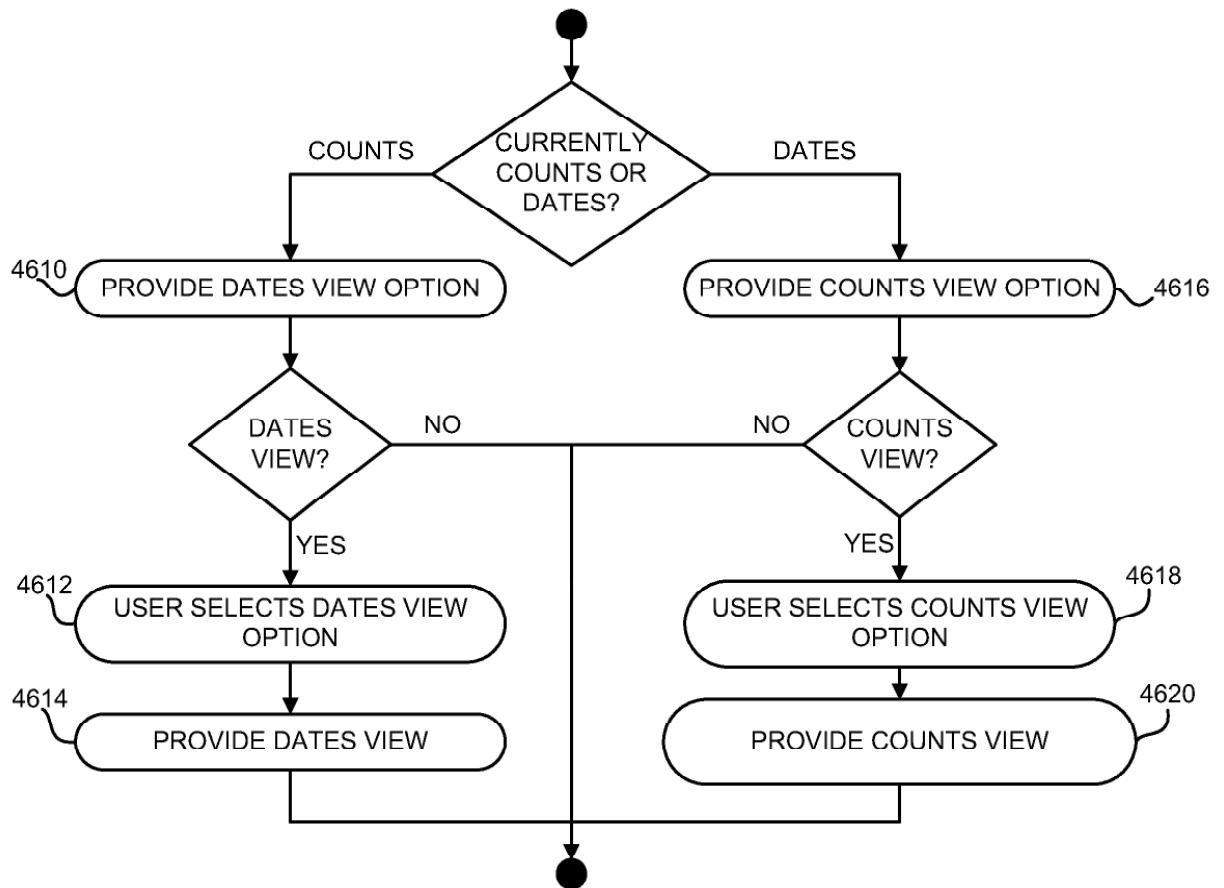


FIG. 63

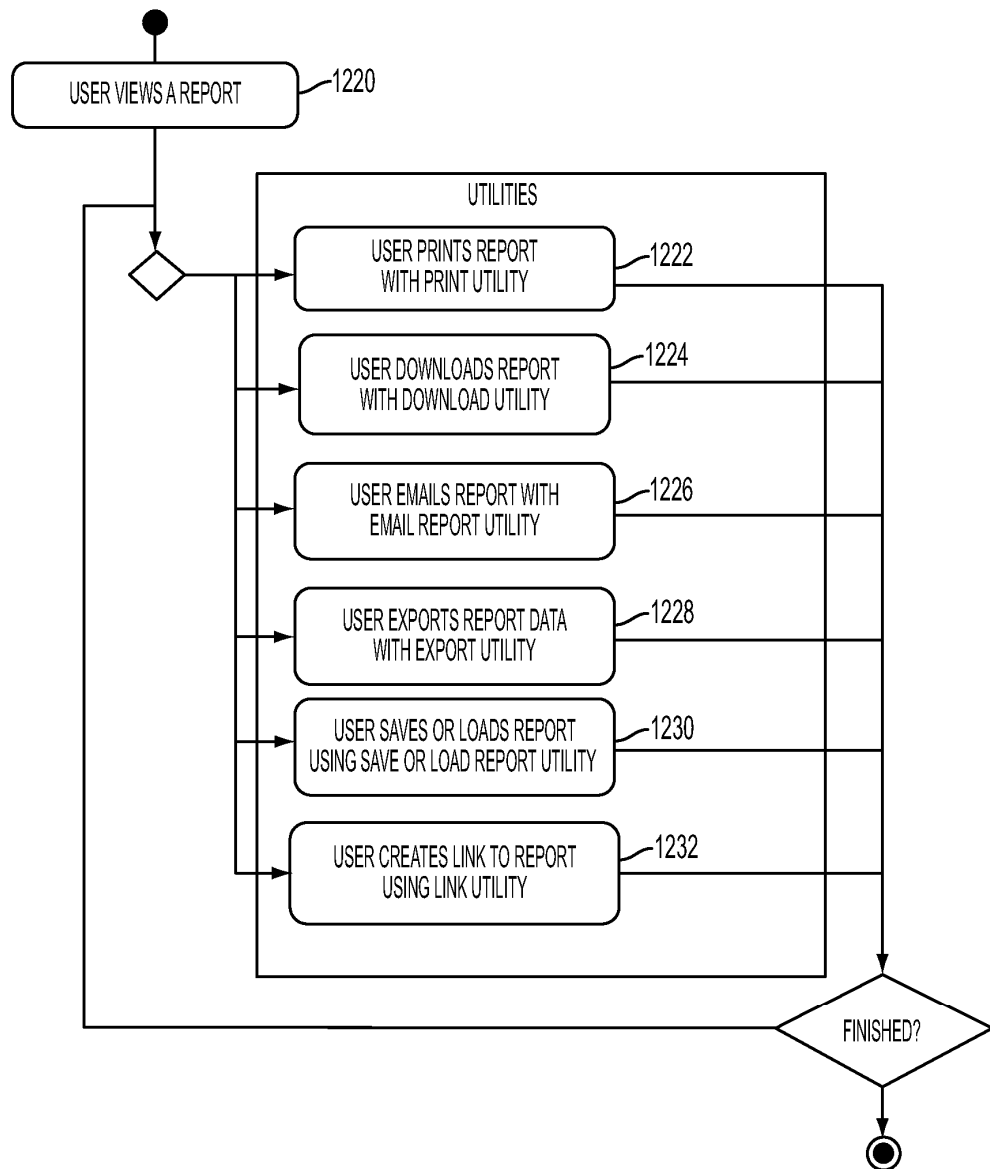


FIG. 64

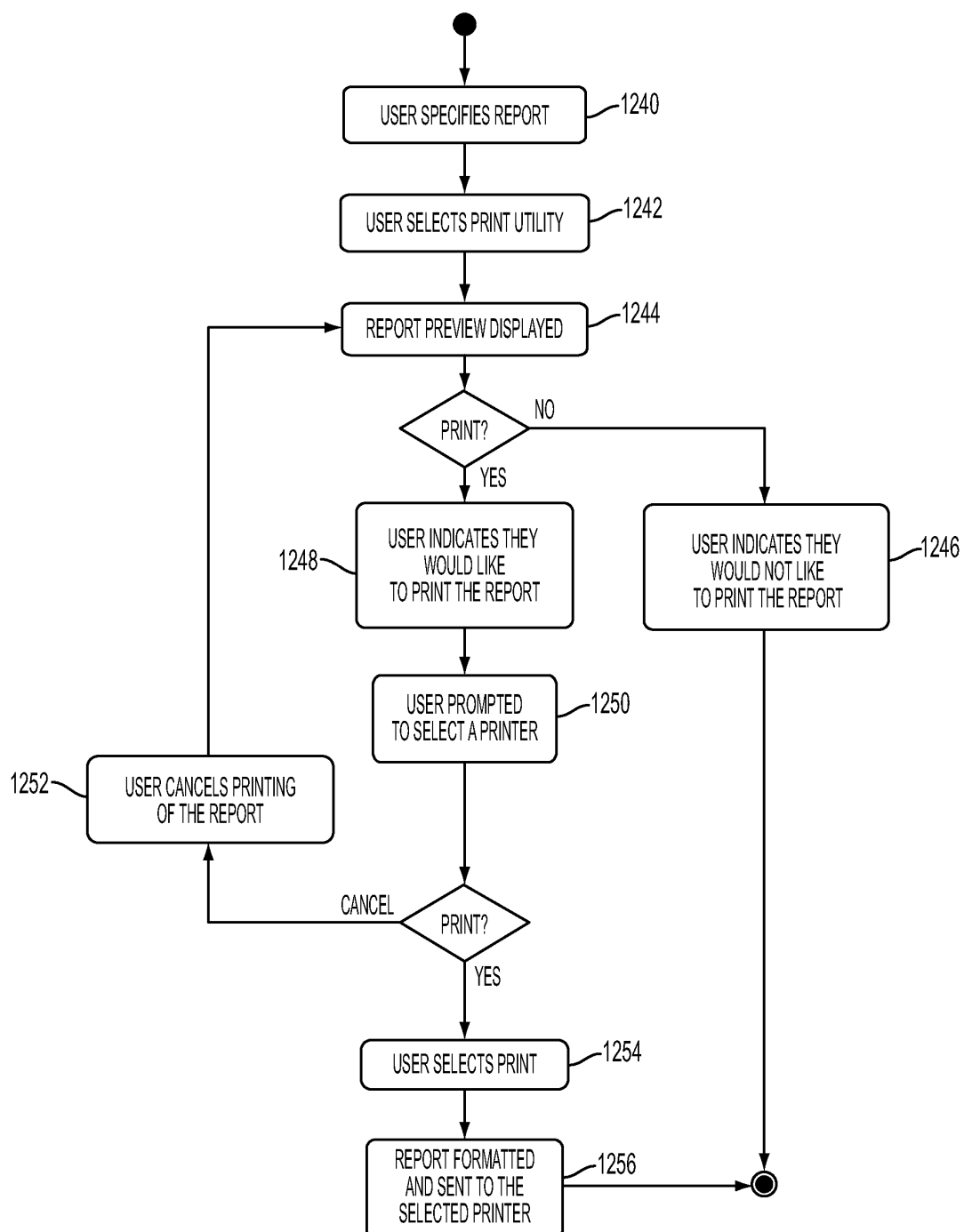


FIG. 65

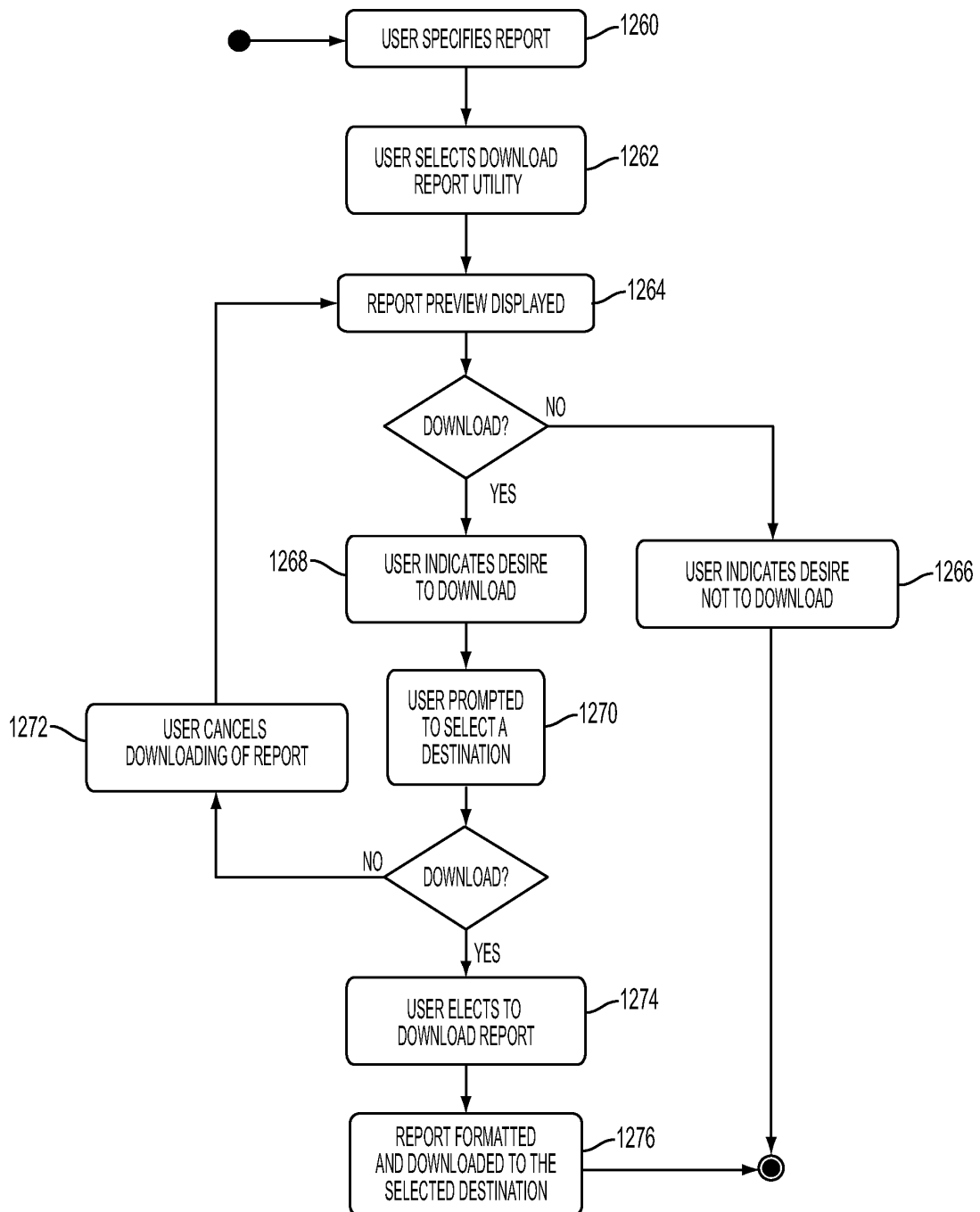


FIG. 66

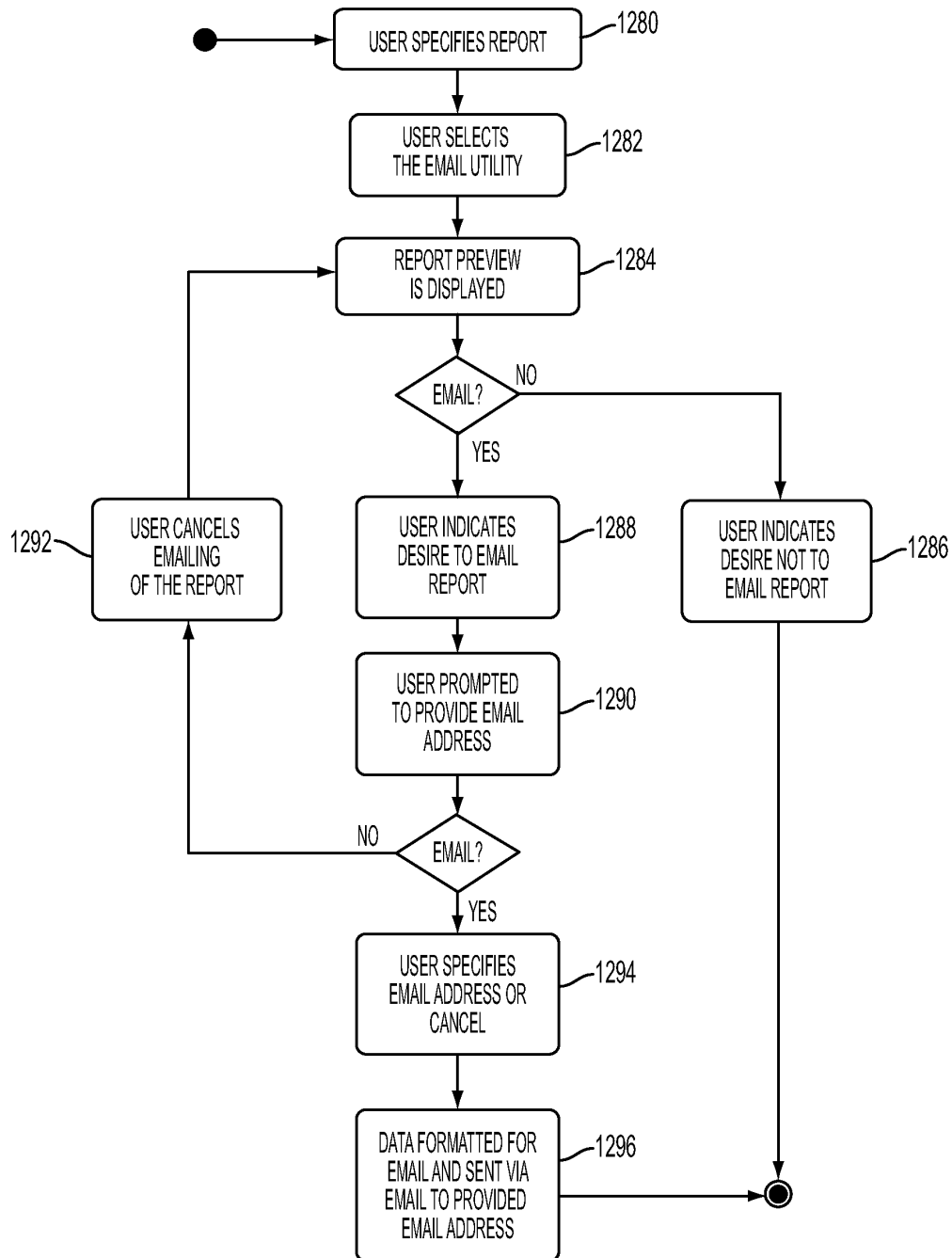


FIG. 67

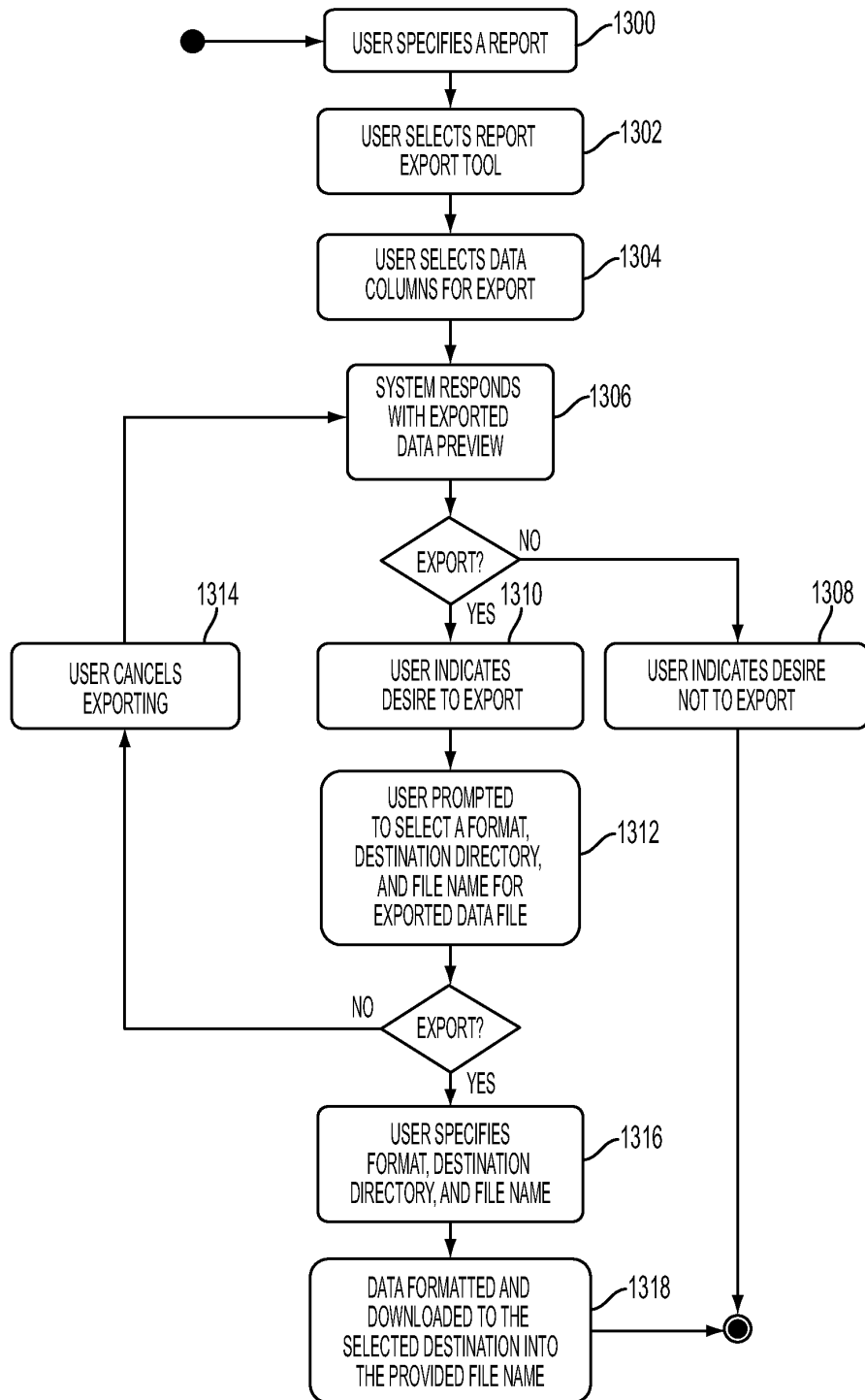


FIG. 68

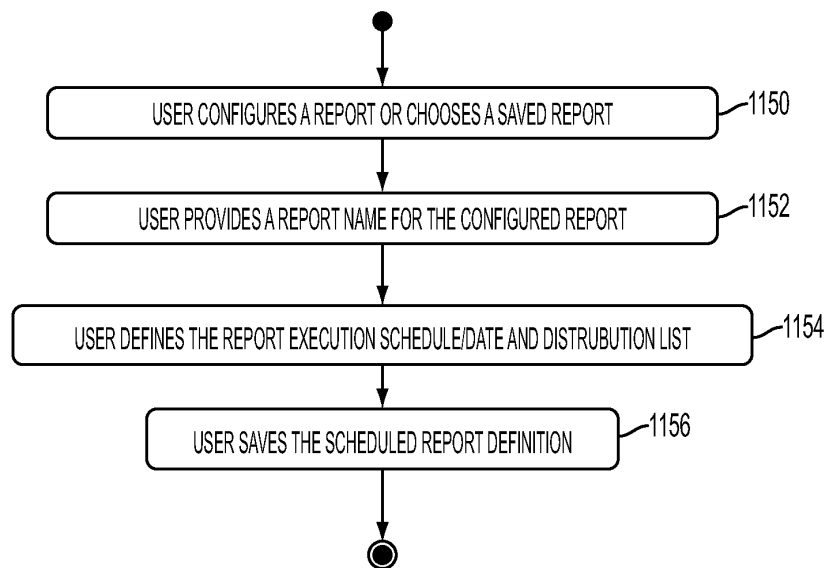


FIG. 69

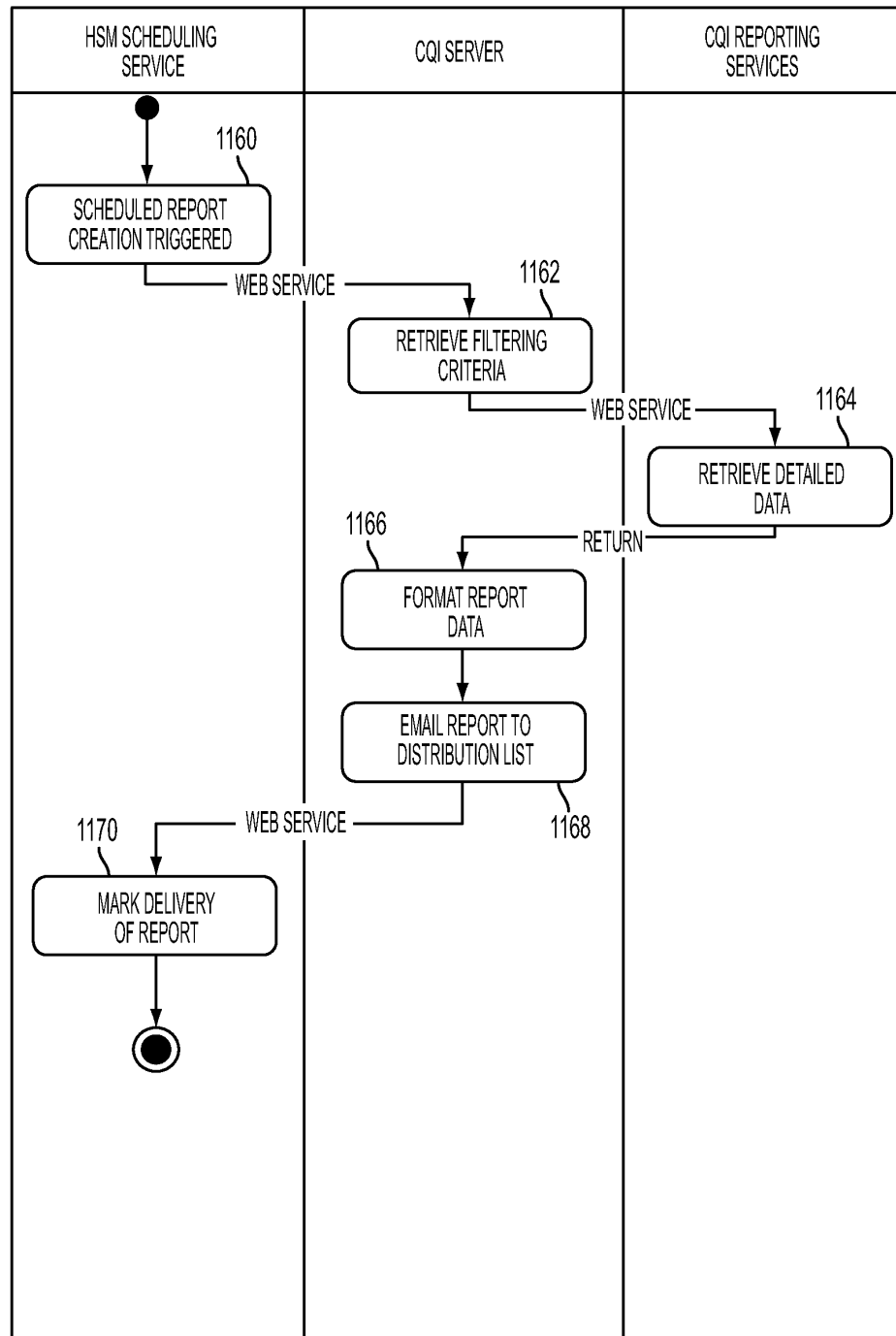


FIG. 70

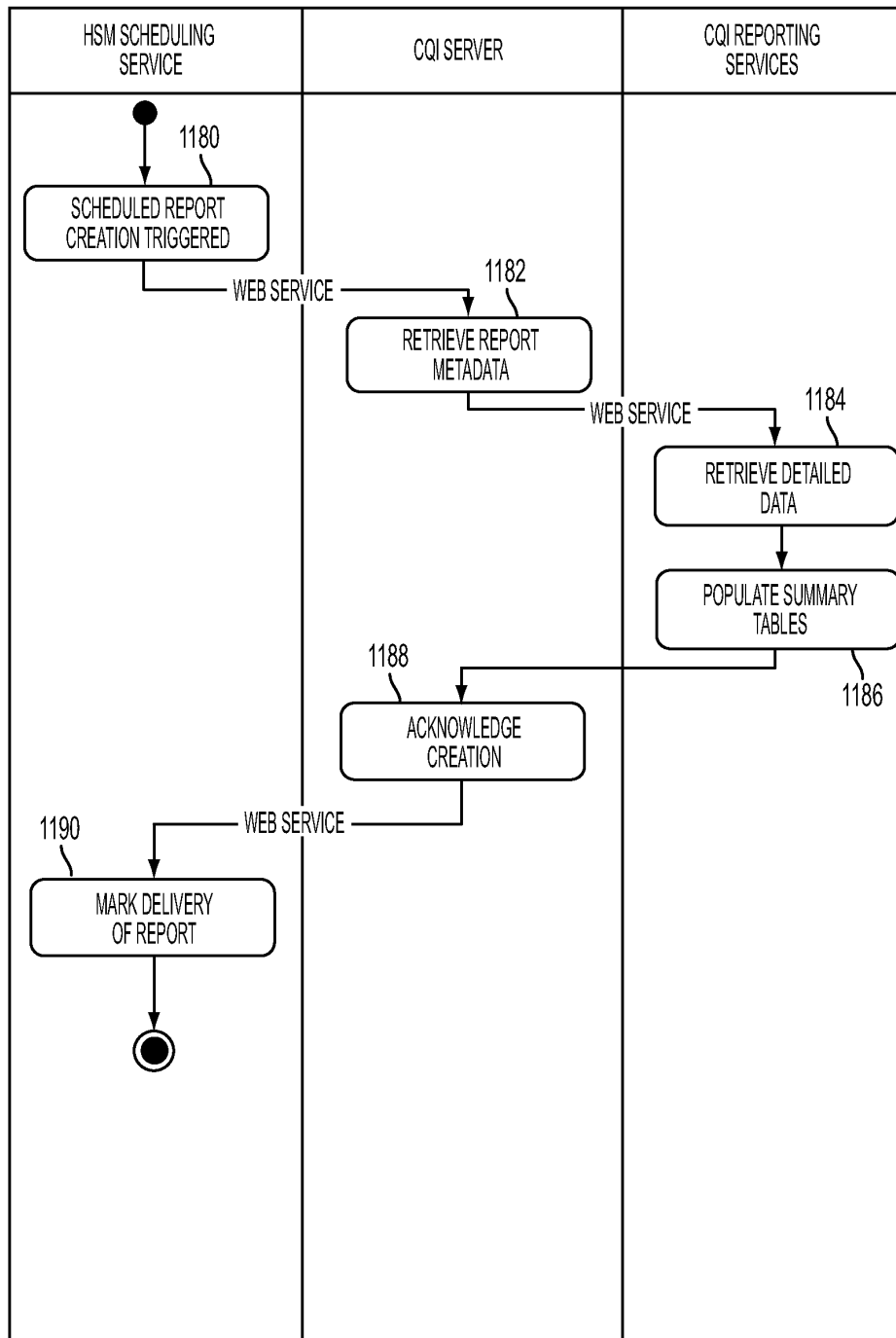


FIG. 71

1502

1500

DERS Editor 1504

Enter your login details

User ID: 1508

Password: 1510

Forgot your password? 1512

Log in 1514

1506

FIG. 72

1502

1500

DERS Editor 1504

Enter your login details

User ID: JSmith 1508

Password: ***** 1510

Forgot your password? 1512

Log in 1514

1506

FIG. 73

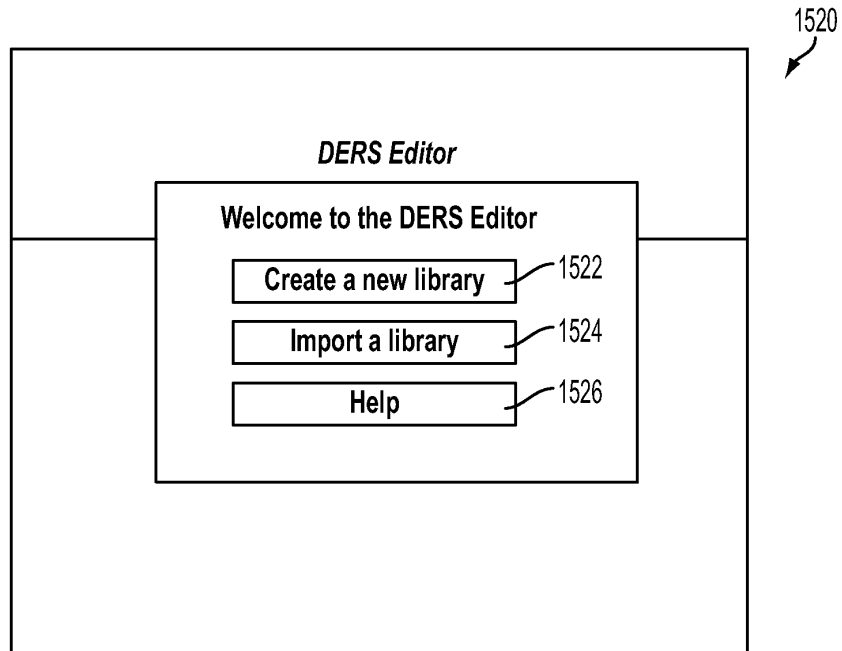


FIG. 74

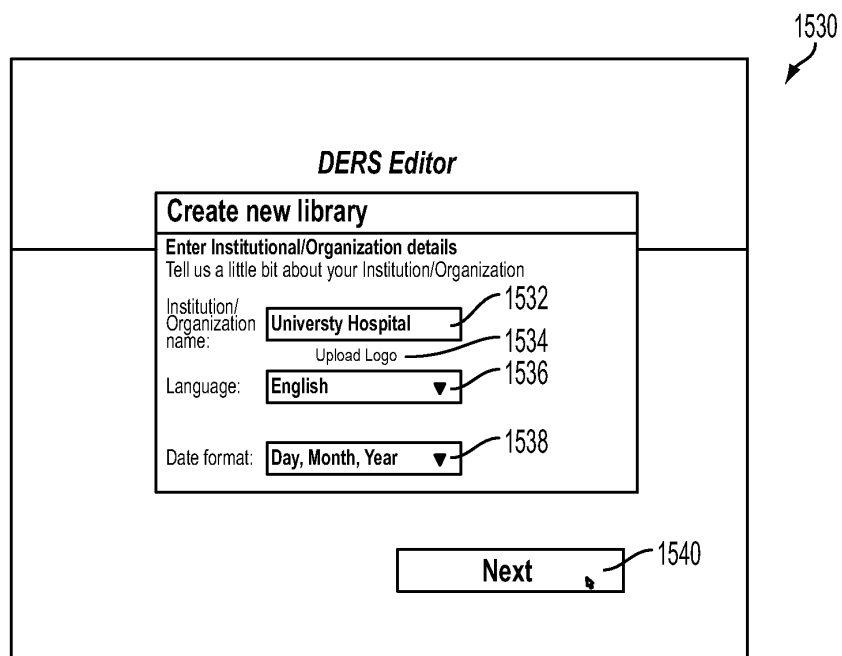


FIG. 75

1530 ↗

DERS Editor

Create new library

Define Users

Enable your colleagues to review and modify drug library settings. Give us their email address and we'll take care of the rest.

User:

Role: ☒ Reviewer ☐ Editor ☐ Administrator

Add another user

1555
1540

FIG. 76

1530 ↗

DERS Editor

Create new library

Select default Care Areas

Identify the main Care Areas at your hospital so that we can better organize the drug library. You'll be able to rename, add, and remove Care Areas later.

☒ Ambulatory Surgery Center	☒ Hospice	☐ Patient Home
☐ Birthing Center	☒ Infusion Center	☒ Post Anesthesia Care Unit
☒ Cardiac Catheterization Center	☒ Intensive Care Unit	☐ Pre-Op Unit
☐ Cardiac Rehabilitation	☒ Intermediate/Step down Unit	☐ Primary care clinic
☒ Community Health Center	☐ Internal Medicine & Pediatric	☐ Public Health Clinic
☐ Complementary Medicine	☐ Laboratory	☐ Radiology /Imaging
☒ Emergency Department	☐ Long Term Acute Care Facility	☐ Reproductive Health (Fertility)
☐ Female preventative health	☐ Microbiology	☒ Surgery
☒ General care units	☒ Nursing home	
☒ Hemodialysis Center	☒ Operating Room	

1562
1564

FIG. 77

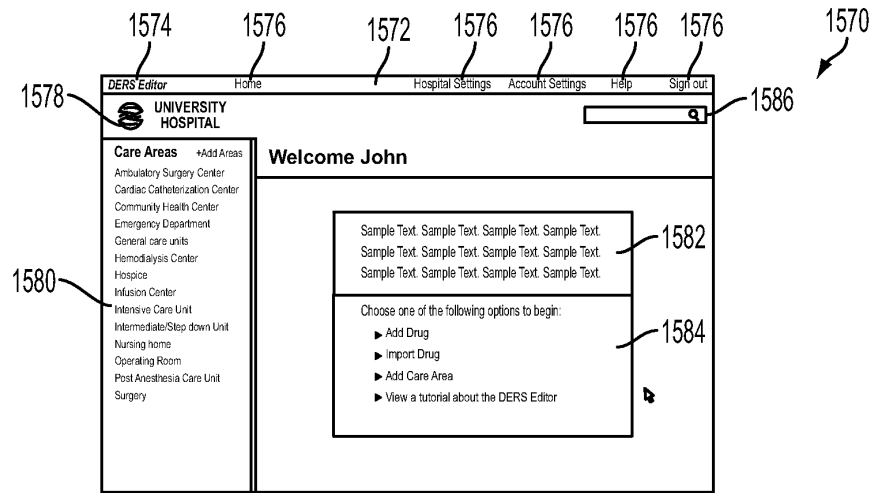


FIG. 78

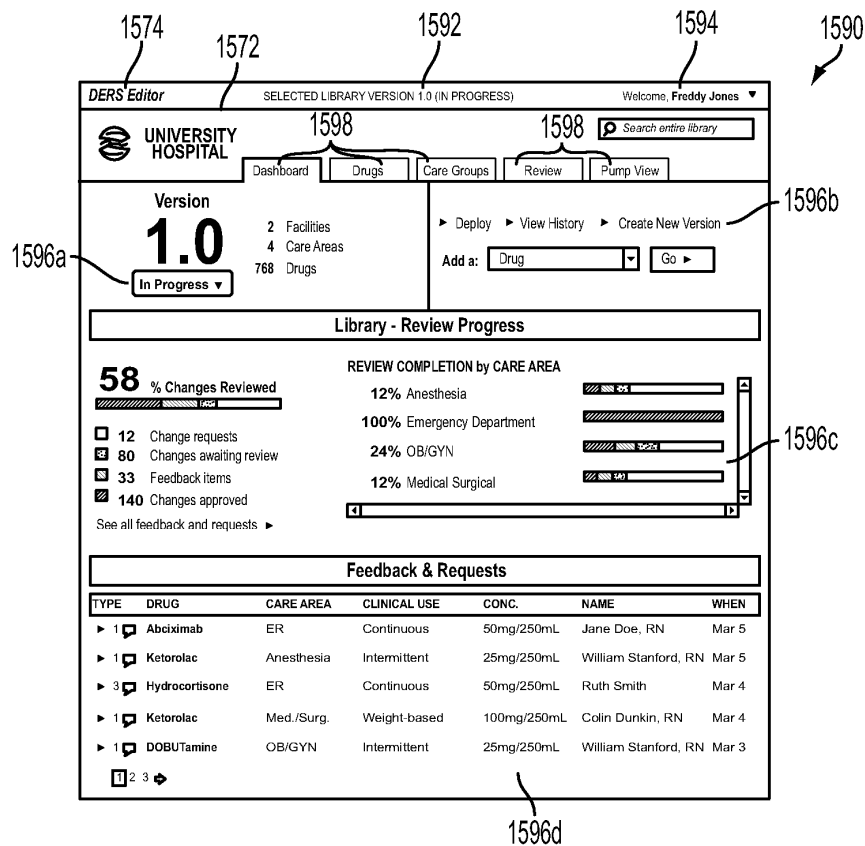


FIG. 79

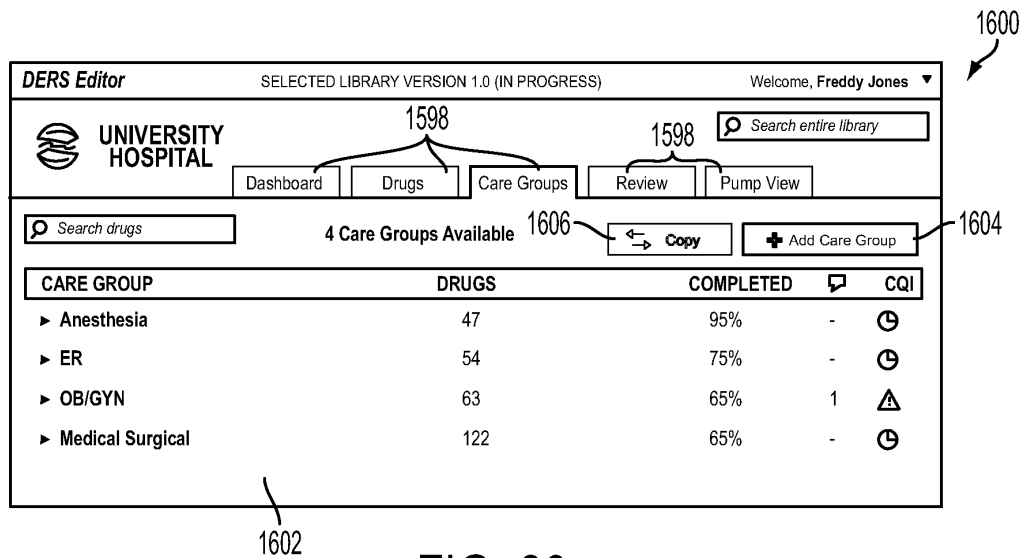


FIG. 80

Add Care Group

Add Care Group Care Group Settings

*Choose Care Group type: * = Required

Adult

- ☐ Critical Care
- ☐ Step-down
- ☐ Medical
- ☐ Surgical
- ☒ ICU
- ☐ Medical-Surgical
- ☐ Obstetrics
- ☐ Skilled Nursing Unit
- ☐ Critical Access Unit

Neonate

- ☐ Level I - Continuous Care
- ☐ Level II - Intermediate Care
- ☐ Level III/IV - Critical Care

Rehabilitation

- ☐ Adult Rehab
- ☐ Pediatric Rehab
- ☐ Mixed Acuity

Pediatrics

- ☐ Critical Care
- ☐ Step-down
- ☐ Medical
- ☐ Surgical
- ☐ Medical-Surgical

Psychiatric

- ☐ Adult In-patient
- ☐ Adolescent In-patient
- ☐ Child In-patient
- ☐ Child/Adolescent In-patient
- ☐ Ger. Psych In-patient
- ☐ Behavioral Health In-Patient
- ☐ Specialty In-Patient

Other

- ☐ Emergency Department
- ☐ Peri-operative
- ☐ Ambulatory Care
- ☐ ER
- ☐ Medical Surgical

Next ➡

1610

Add Care Group

Add Care GroupCare Group Settings

GROUP SETTINGS * = Required

1620

1622

4 West

Care group type

1624

Adult ICU

Sort order

1626

1

Require second review?

1628

No

Screen Lock

1630

Enabled

Default speaker volume

4

Default screen brightness

4

Automatically adjust brightness

Yes

1632

1634

1

2 3 4 5

Next ➔

1616

FIG. 82

1610

Add Care Group

Add Care GroupCare Group Settings

PATIENT SETTINGS * = Required

1640

Second Entry of Weight and BSA ☐ Yes ☒ No

Patient weight limits

1642

High Hard

1644

 kg

High Soft

1646

 kg

Low Soft

1648

 kg

Low Hard kg

1

2 3 4 5

Next ➔

1616

FIG. 83

1610

Add Care Group ⓧ

Add Care Group
Care Group Settings

PATIENT SETTINGS (Continued) * = Required

BSA limits

<i>High</i>	Hard	1650	1652		m ²
	Soft	1654	1654		m ²
<i>Low</i>	Soft	1656	1656		m ²
	Hard				m ²

SYRINGE PUMP SETTINGS

Syringe

▼

1658

1 2 3 4 5
Next ➔

1616

FIG. 84

1610

Add Care Group ⓧ

Add Care Group
Care Group Settings

KVO SETTINGS * = Required

Default KVO ValuemL / hr

KVO can be changed by user ☐ Yes ☒ No

RATE LIMITS

<i>High</i>	Hard	1664	1666		mL / hr
	Soft		1668		mL / hr

VBTI LIMITS

<i>High</i>	Hard	1668	1670		mL
	Soft				mL

1 2 3 4 5
Next ➔

1616

FIG. 85

1610

Add Care Group ✕

Add Care Group
Care Group Settings

AIR INFUSION LIMIT * = Required

Default Air Infusion Limit uL 1682

User can change Air Infusion Limit ☐ Yes ☒ No

Air Infusion Hard Limit uL / 15 min 1684

OCCCLUSION SENSITIVITY

Default 1686

User can change ☐ Yes ☒ No

Sensitivity hard limits 1688

Back-pump relieve occlusion pressure ☐ Yes ☒ No 1692

1 2 3 4 5
✓ Finish 1694

FIG. 86

1600

DEERS Editor SELECTED LIBRARY VERSION 1.0 (IN PROGRESS) Welcome, **Freddy Jones** ▼

**UNIVERSITY
HOSPITAL**

🔍 Search entire library

Dashboard
Drugs
Care Groups
Review
Pump View

🔍 Search drugs

5 Care Groups Available

↔ Copy
+ Add Care Group

Care Group	DRUGS	CONC.	COMPLETED		CQI
▶ 4 West	0	0	0%	-	🕒
▶ Anesthesia	47	5	95%	1	🕒
▶ ER	54	3	75%	-	🕒
▶ OB/GYN	63	12	65%	1	⚠️
▶ Medical Surgical	122	10	65%	-	🕒

FIG. 87

DERS Editor SELECTED LIBRARY VERSION 1.0 (IN PROGRESS) Welcome, Freddy Jones

UNIVERSITY HOSPITAL

1598 1598

Dashboard Drugs Care Groups Review Pump View 1706

Search drugs 767 Drugs Available 1704 Compare Copy Add Drug 1708

DRUG	CARE GROUPS	CLINICAL USES	TYPE	CONC.		CQI
▶ Abatacept	ER	1	1	1	4	⚠
▶ Amikacin	ER	1	2	1	-	⊕
▶ Bumetamide	Med./Surg.	1	1	1	-	⊕
▶ Chlorothiazide	Surgery	2	1	3	3	⚠
▶ Cyclophosphamide	Aneth.	2	1	2	-	⊕
▶ DOBUTamine	Med./Surg.	4	2	1	-	⊕
▶ Epirubicin	ER	2	1	3	-	⊕
▶ HYDROmorphone	ER	1	1	1	1	⊕
▶ Ibutilide	Aneth.	1	1	2	-	⚠
▶ Streptozocin	OB/GYN. ER	2	1	2	-	⊕

1702

FIG. 88

Add Drug 1710

Enter Drug Name Enter Drug Details Add to Care Groups

* Drug name 1712

Dexmedetomidine
Dextrose
Diltiazem
DOBUTamine (In library) 1714
DOPamine

* = Required

Next ➔

FIG. 89

1710

Add Drug

Enter Drug Name Enter Drug Details Add to Care Groups

* Drug name

* = Required

Next ➔

1712

1716

FIG. 90

1710

Add Drug

DOPamine Enter Drug Details Add to Care Groups

* Drug Name

Other Names +

Drug name to be displayed on Device +

*Drug Category

*AHFS Classification

*Incompatible Medications +

*High Risk Medication ☒ Yes ☐ No

Next ➔

1720

1722

1724

1726

1728

1730

1732

1716

FIG. 91

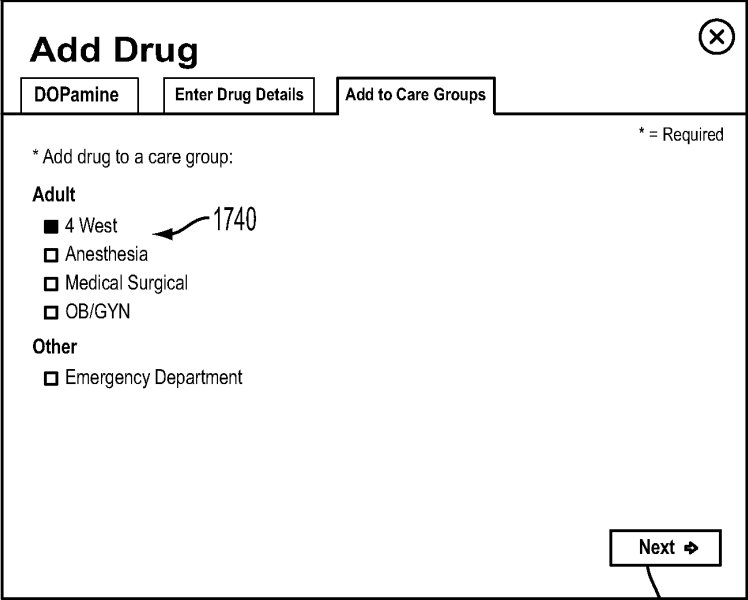


FIG. 92 is a screenshot of a software interface titled "Add Drug". The interface has a title bar with a close button (X) in the top right corner, labeled 1710. Below the title bar are three tabs: "DOPamine", "Enter Drug Details", and "Add to Care Groups". The "Add to Care Groups" tab is currently selected. The main content area contains the text "* Add drug to a care group:" followed by a list of care groups. Under the "Adult" section, there are four options: "4 West" (selected with a black square), "Anesthesia", "Medical Surgical", and "OB/GYN". Under the "Other" section, there is one option: "Emergency Department". A legend in the top right corner indicates "* = Required". At the bottom right, there is a "Next ➔" button, labeled 1716.

Add Drug

DOPamine **Enter Drug Details** **Add to Care Groups**

* Add drug to a care group: * = Required

Adult

- ☒ 4 West
- ☐ Anesthesia
- ☐ Medical Surgical
- ☐ OB/GYN

Other

- ☐ Emergency Department

Next ➔

FIG. 92

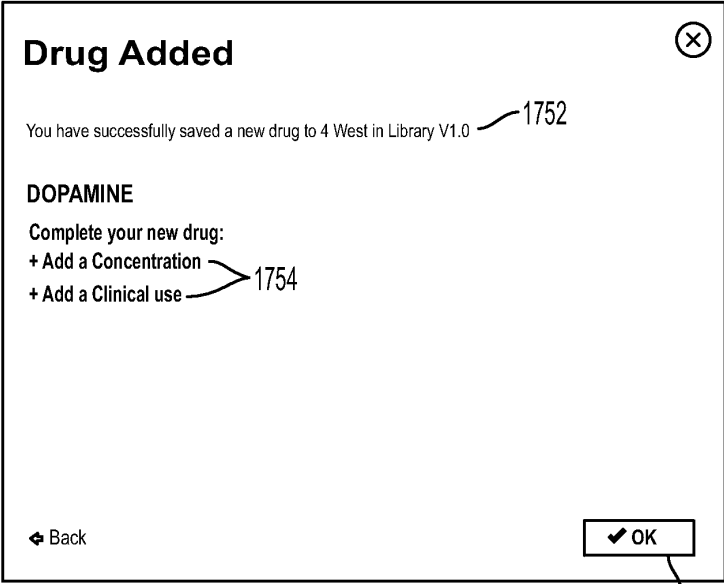


FIG. 93 is a screenshot of a software interface titled "Drug Added". The interface has a title bar with a close button (X) in the top right corner. The main content area contains the text "You have successfully saved a new drug to 4 West in Library V1.0". Below this, the drug name "DOPAMINE" is displayed. Under the heading "Complete your new drug:", there are two options: "+ Add a Concentration" and "+ Add a Clinical use". At the bottom left, there is a "Back" button with a left arrow. At the bottom right, there is an "OK" button with a checkmark. The "OK" button is labeled 1758.

Drug Added

You have successfully saved a new drug to 4 West in Library V1.0

DOPAMINE

Complete your new drug:

- + Add a Concentration
- + Add a Clinical use

Back **OK**

FIG. 93

1760

Add Clinical Use

Added to DOPamine - 4 WestClinical Use Details

GENERAL SETTINGS 1762 * = Required

*Clinical Use Name 1764Central Line

Display Order 17660

*Infusion Type 1768Primary continuous

*Devices 1770LVP

General notes 1772

Clinical advisory summary 1774

Detailed clinical advisory available on pump

1234Next 1716

FIG. 94

1760

Add Clinical Use

Added to DOPamine - 4 WestClinical Use Details

GENERAL SETTINGS (Continued) 1780 * = Required

*Can be Run with Secondary? 1782No

*Second review required 1784No

*VTBI Zero Handling for Primary InfusionsKVO

INFUSION SETTINGS 1786

*Alert near end of infusion 1788☒ Yes ☐ No

*Alert proximity to end of infusion60 mins

PRIMARY CONTINUOUS INFUSION SETTINGS

*Dose Mode 1790mcg/kg/min

1234Next 1716

FIG. 95

1760

Add Clinical Use

Added to DOPamine - 4 WestClinical Use Details

PRIMARY CONTINUOUS INFUSION SETTINGS (Continued) * = Required

Default Dose Rate 1800 mcg/kg/min

Dose Rate Limits 1802

High	*Hard	1804	50	mcg/kg/min
	*Soft	1806	25	mcg/kg/min
Low	*Soft	1808	1	mcg/kg/min
	*Hard	1810	1	mcg/kg/min

Dose titration increase hard limit 101 %

1 2 3 4

Next ➔

1716

FIG. 96

1760

Add Clinical Use

Added to DOPamine - 4 WestClinical Use Details

BOLUS SETTINGS * = Required

*Is Bolus Allowed ☐ Yes ☒ No 1820

LOADING DOSE PARAMETERS 1822

*Loading Dose Allowed ☐ Yes ☒ No

*Loading Dose Settings Not Specified 1824

1 2 3 4

Next ➔

FIG. 97

1830

Add Concentration ✕

Added to DOPamine - 4 West - Central Line

Concentration Details

GENERAL

Allow operator change? ☐ Yes ☒ No 1832

Display format ☐ Concentration ☒ Amount / Diluent 1834

VOLUME

Drug amount in container 1836

Container volume 1840

Default VTBI 1842

Concentration

✓ Finish 1844

FIG. 98

1700

DERs Editor SELECTED LIBRARY VERSION 1.0 (IN PROGRESS) Welcome, Freddy Jones ▾

UNIVERSITY HOSPITAL

Dashboard
Drugs
Care Groups
Review
Pump View

768 Drugs Available

Compare
Copy
+ Add Drug

DRUG	CARE GROUPS	CLINICAL USES	TYPE	CONC.	CQI
▶ Abatacept	ER	1	1	1	4 ⚠
▶ Amikacin	ER	1	2	1	- ⚙
▶ Bumetamide	Med./Surg.	1	1	1	- ⚙
▶ Chlorothiazide	Surgery	2	1	3	3 ⚠
▶ Cyclophosphamide	Aneth.	2	1	2	- ⚙
▶ DOBUTamine	Med./Surg.	4	2	1	- ⚙
▼ DOPamine	4 West	1	1	1	- ⚙
☐ 4 West Central Line 400 mg / 250 mL - ⚙ + Add care group + Add clinical use + Add concentration					
▶ Epirubicin	ER	2	1	3	- ⚙
▶ HYDROmorphone	ER	1	1	1	1 ⚠
▶ Ibutilide	Aneth.	1	1	2	- ⚙
▶ Streptozocin	OB/GYN, ER	2	1	2	- ⚙

1702

FIG. 99

1760

Add Clinical Use

Intermittent

Abciximab - Critical Care

Clinical Use Details

GENERAL SETTINGS

*Display Order0

*Infusion Type1850Not Specified

*Medication Route1852Not Specified

*Medication Site1854Not Specified

*Delivery MethodNot Specified

General notes

Clinical advisory summary

Detailed clinical advisory available on pump

12345

✓ Finish Later

Next ➔

1858

FIG. 100

1760

Add Clinical Use

Intermittent

Abciximab - Critical Care

Clinical Use Details

GENERAL SETTINGS (Continued)

*Can be Run with Secondary?Yes

*Second review required during programming?Yes

*VTBI Zero Handling for Primary InfusionsStop

*VTBI Zero Handling for Secondary Infusions1860Notify and Revert to Primary

12345

✓ Finish Later

Next ➔

1858

FIG. 101

1760

Add Clinical Use

Intermittent

Abciximab - Critical Care

Clinical Use Details

INFUSION SETTINGS

*Alert near end of infusion

0

*Proximity to end of infusion

Not Specified

PRIMARY CONTINUOUS INFUSION SETTINGS

*Dose Mode

Not Specified

*Dose Rate

mg

Dose Rate Limits

High

*Hard

mg / mL

*Soft

mg / mL

12345

✓ Finish Later

Next ➔

FIG. 102

1760

Add Clinical Use

Intermittent

Abciximab - Critical Care

Clinical Use Details

PRIMARY CONTINUOUS INFUSION SETTINGS (Continued)

Dose Rate Limits

Low

*Hard

mg / mL

*Soft

mg / mL

*Dose Titration Increase Hard Limit

101% mg / mL

*Dose Titration Increase Soft Limit

51% mg / mL

BOLUS SETTINGS

* Is Bolus Allowed

Yes

No

12345

✓ Finish Later

Next ➔

FIG. 103

1760

Add Clinical Use ✕

Intermittent
Abciximab - Critical Care
Clinical Use Details

LOADING DOSE PARAMETERS

*Loading Dose Allowed ☒ Yes ☐ No

*Loading Dose Settings Not Specified 1880

*Loading Dose Secondary ☐ Yes ☒ No

OTHER PARAMETERS

*KVO Value 20 mg / mL 1884

*Air Infusion Limit 4 µL / 15 min 1886

*Number of Occlusion Re-Starts 2 1888

1 2 3 4 5

☒ Finish Later
 ☒ Done

1858

FIG. 104

1702

DERS Editor		Welcome, Freddy Jones		Account settings		Log out ▼	
UNIVERSITY HOSPITAL Dashboard Drugs Care Groups CQI Pump View							
Enter drug name or keyword 732 Drugs Available Show search options Compare Add							
DRUG	Care Areas	Clinical Users	Concentrations				
▶ Abatacept	Adult ICU, NICU	1	1				
▶ Abciximab	ER	1	1				
▶ AcetazOLAMIDE	Surgery	1	1				
▼ Acyclovir	Surgery	3	3				
☐ Acyclovir	Surgery	Weight-based	10 mg / 250 mL				
☐ Acyclovir	Surgery	Non-weight-based	50 mg / 250 mL				
☐ Acyclovir	Surgery	Intermittent	50 mg / 500 mL				
Acyclovir	+ Add Care Area	+ Add Clinical Use	+ Add Concentration				
▶ Adenosine-Stress	Adult ICU, NICU	2	2				
▶ Albumin 5%	Adult ICU, NICU	1	1				
▶ Alfentanil	Surgery	4	4				
▶ Alteplase Stroke	Adult ICU, NICU	3	3				
▶ Amikacin	ER	1	1				
▶ Aminocaproic acid	Surgery	1	1				
▶ Aminophylline	Adult ICU, NICU	1	1				

1890

1702

FIG. 105

DEERS Editor Welcome, Freddy Jones Account settings Log out

UNIVERSITY HOSPITAL

Dashboard Drugs Care Areas CQI Pump View

< Back to drug list

Acyclovir 1918 Save Changes Copy Delete 1914

Surgery

Non-Weight-Based 50 mg / 250 mL 1910 1912 12 fields complete 45 fields empty 1904

General Settings

Clinical use name	Non-Weight-Based
Infusion type	Primary
Medication route	Intravenous
Medication site	Not specified
Delivery method	LVP
General notes	Add note
Clinical advisory	Add advisory
Can run with secondary?	Yes
Require second review?	No

► Dose 2 fields empty

► Rate 1 field empty

► End of Infusion Settings 4 fields empty

► Infusion Time 3 fields empty

FIG. 106

DEERS Editor Welcome, Freddy Jones Account settings Log out

UNIVERSITY HOSPITAL

Dashboard Drugs Care Groups CQI Pump View 1920

Enter drug name or keyword 732 Drugs Available Show search options Compare Add

DRUG	Care Areas	Clinical Users	Concentrations
► Abatacept	Adult ICU, NICU	1	1
► Abciximab	ER	1	1
► AcetazOLAMIDE	Surgery	1	1
▼ Acyclovir	Surgery	3	3
☒ Acyclovir	Surgery	Weight-based	10 mg / 250 mL
☒ Acyclovir	Surgery	Non-weight-based	50 mg / 250 mL
☐ Acyclovir	Surgery	Intermittent	50 mg / 500 mL
Acyclovir	+ Add Care Area	+ Add Clinical Use	+ Add Concentration
► Adenosine-Stress	Adult ICU, NICU	2	2
► Albumin 5%	Adult ICU, NICU	1	1
► Alfentanil	Surgery	4	4
► Alteplase Stroke	Adult ICU, NICU	3	3
► Amikacin	ER	1	1
► Aminocaproic acid	Surgery	1	1
► Aminophylline	Adult ICU, NICU	1	1

FIG. 107

DEERS Editor Welcome, Freddy Jones Account settings Log out ▼

UNIVERSITY HOSPITAL

Dashboard Drugs Care Groups CQI Pump View

< Back to drug list < Back to drug list

Acyclovir Edit

Surgery
Weight-Based
10 mg / 250 mL

General Settings

Clinical use name	Weight-Based
Infusion type	Primary
Medication route	Intravenous
Medication site	Not specified
Delivery method	LVP
General notes	None
Clinical advisory	None
Can run with secondary?	Yes
Require second review?	No

► Dose

► Rate

► End of Infusion Settings

► Infusion Time

Acyclovir Edit

Surgery
Non-Weight-Based
50 mg / 250 mL

General Settings

Clinical use name	Non-Weight-Based
Infusion type	Primary
Medication route	Intravenous
Medication site	Not specified
Delivery method	LVP
General notes	None
Clinical advisory	None
Can run with secondary?	Yes
Require second review?	No

► Dose

► Rate

► End of Infusion Settings

► Infusion Time

FIG. 108

DEERS Editor SELECTED LIBRARY VERSION 2.2 (IN PROGRESS) Welcome, Freddy Jones

UNIVERSITY HOSPITAL

Dashboard Drugs Care Groups CQI Review Pump View

Search drugs 732 Drugs Available Compare Add

DRUG	CARE GROUPS	CLINICAL USES	TYPE	CONC.	CQI
► Abatacept	Adult ICU, NICU	1	1	1	⚠
► Abciximab	ER	1	1	-	⚠
► AcetaZOLAMIDE	Surgery	1	1	-	⚠
► Acyclovir	ICU Surgery	2	3	3	⚠
☐ ICU	Intermittent	25 mg / mL	1	⚠	
☒ Surgery	Non-Weight-Based	25 mg / mL	-	⚠	
☒	Non-Weight-Based	50 mg / 250mL	1	⚠	
☒	Weight-Based	75 mg / 500mL	-	⚠	
+ Add care group		+ Add clinical use	+ Add concentration		
► Adenosine-Stress	Adult ICU, NICU	2	2	-	⚠
► Albumin 5%	Adult ICU, NICU	1	1	1	⚠
► Alfentanil	Surgery	4	4	-	⚠
► Alteplase Stroke	Adult ICU, NICU	3	3	-	⚠

FIG. 109

1930

DERs Editor SELECTED LIBRARY VERSION 1.0 (IN PROGRESS) Welcome, Freddy Jones

UNIVERSITY HOSPITAL

Dashboard
Drugs
Care Groups
CQI
Review
Pump View

▼ Drug List
≠ View differences only

		Acyclovir - Surgery Non-Weight Based 25mg / mL	Acyclovir - Surgery Weight Based 50mg / 250mL	Acyclovir - Surgery Intermittent 75mg / 500mL
CLINICAL USE				
CONCENTRATION				
GENERAL				
Allow operator change?	≠	Yes	No	Yes
Display format		Concentration	Concentration	Concentration
VOLUME				
Drug unit		mg/mL	mg/mL	mg/mL
Drug amount in container	≠	50mg	500mg	750mg
Container volume		Not Specified	Not Specified	Not Specified
Default VTBI	≠	250 mL	500 mL	500 mL
Concentration		25 mg / mL	50 mg / mL	75 mg / mL
LIMITS				
High	Hard	≠	10 mg	50 mg / 250mL
	Soft	≠	5 mg / mL	45 mg / 250mL
Low	Soft	≠	1 mg / mL	15 mg / 250mL
	Hard	≠	0 mg / mL	10 mg / 250mL

1916

1952

1954

1950

FIG. 110

DERs Editor SELECTED LIBRARY VERSION 1.0 (IN PROGRESS) Welcome, Freddy Jones

UNIVERSITY HOSPITAL

Dashboard
Drugs
Care Groups
CQI
Review
Pump View

▼ Drug List
≠ View differences only

		Acyclovir - Surgery Non-Weight Based 25mg / mL	Acyclovir - Surgery Weight Based 50mg / 250mL	Acyclovir - Surgery Intermittent 75mg / 500mL
CLINICAL USE				
CONCENTRATION				
GENERAL				
Allow operator change?	≠	Yes	No	Yes
VOLUME				
Drug amount in container	≠	50mg	500mg	750mg
Default VTBI	≠	250 mL	500 mL	500 mL
LIMITS				
High	Hard	≠	10 mg	50 mg / 250mL
	Soft	≠	5 mg / mL	45 mg / 250mL
Low	Soft	≠	1 mg / mL	15 mg / 250mL
	Hard	≠	0 mg / mL	10 mg / 250mL

1950

FIG. 111

DERS Editor SELECTED LIBRARY VERSION 1.0 (IN PROGRESS) Welcome, **Freddy Jones**



UNIVERSITY HOSPITAL

Dashboard
Drugs
Care Groups
Review
Pump View

Select Clinical Use	4 West	 10:35
Acyclovir		 Menu
Intermittent		 Cancel
Non-Weight Based		 Back
Weight Based		

FIG. 112

SELECTED LIBRARY VERSION 1.0 (IN PROGRESS)

Welcome, **Freddy Jones**

UNIVERSITY HOSPITAL

Dashboard

Drugs

Care Groups

Review

Pump View

Program Infusion	4 West	10:35
DOPamine 400 mg / 250 mL	Peripheral Line 100 kg	Menu
Dose	10 mcg / kg	Cancel
Rate	37.5 mL / hr	Back
VTBI	250 mL	Standby
Time	0 hrs 0 min	Start Infusion

FIG. 113

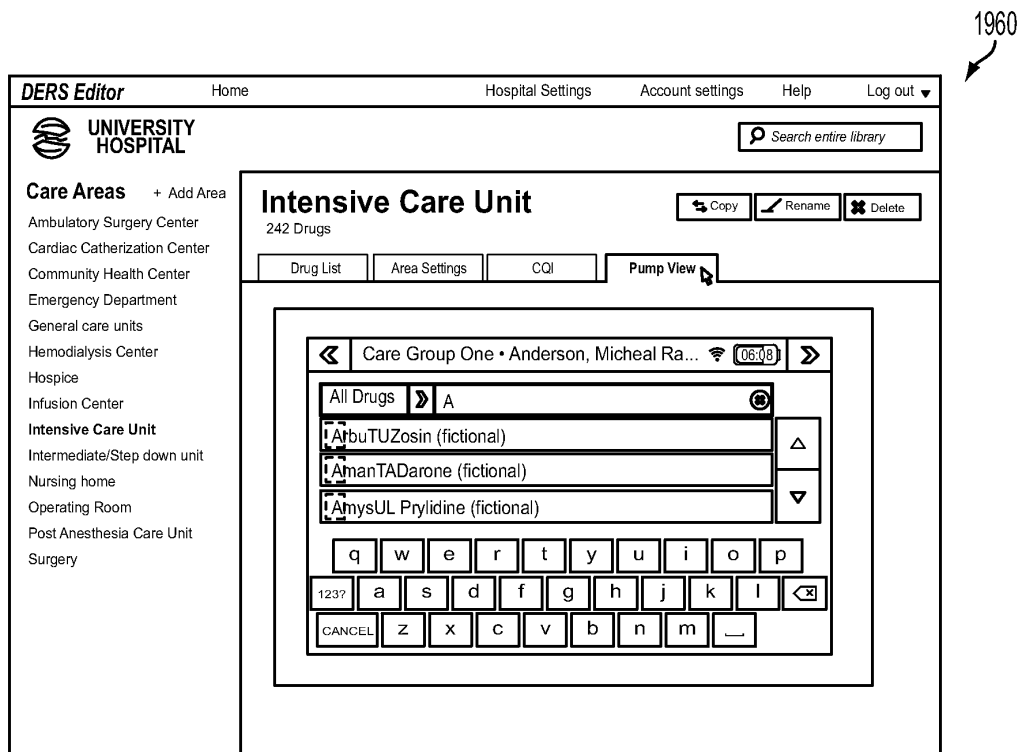


FIG. 114

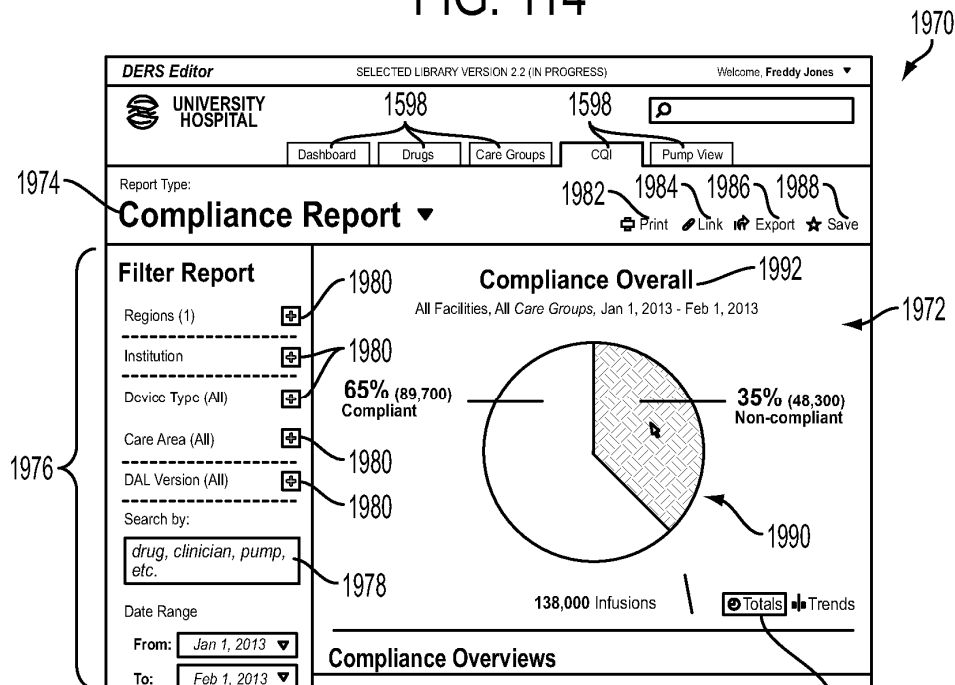


FIG. 115

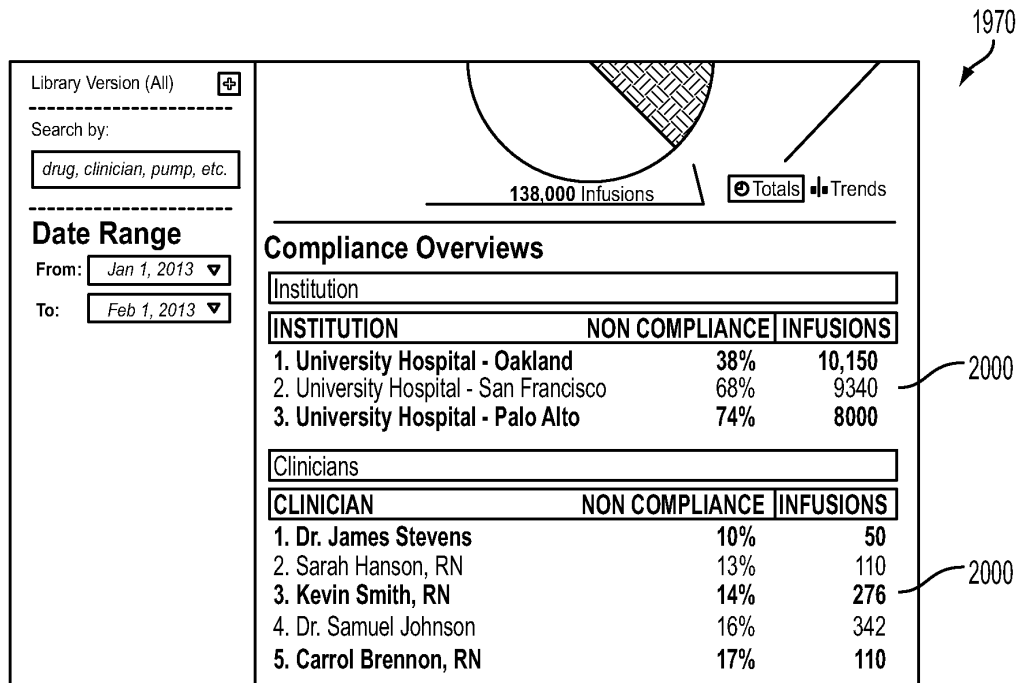


FIG. 116

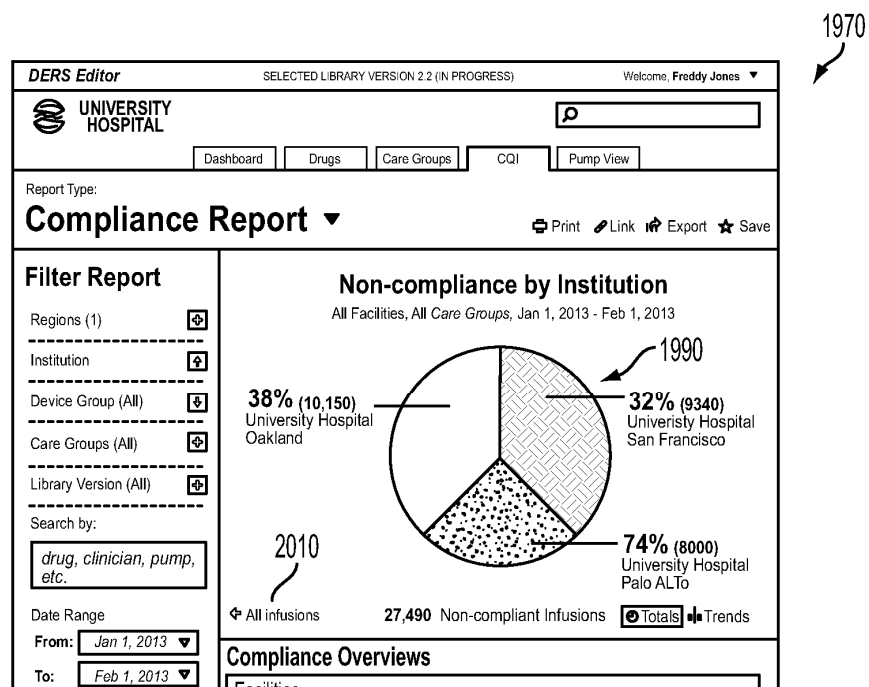


FIG. 117

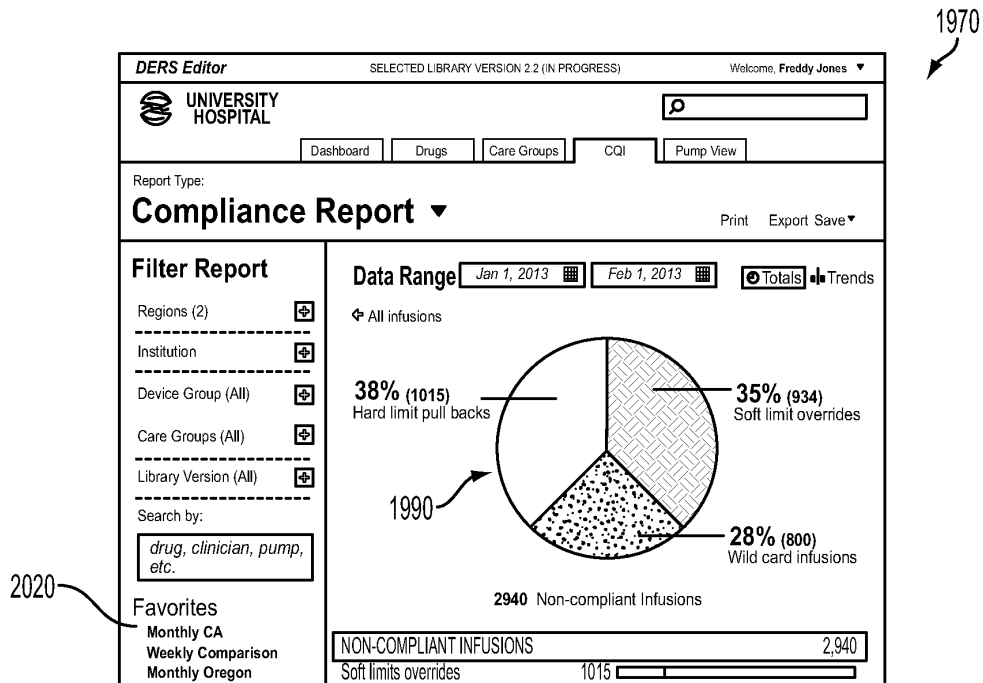


FIG. 118

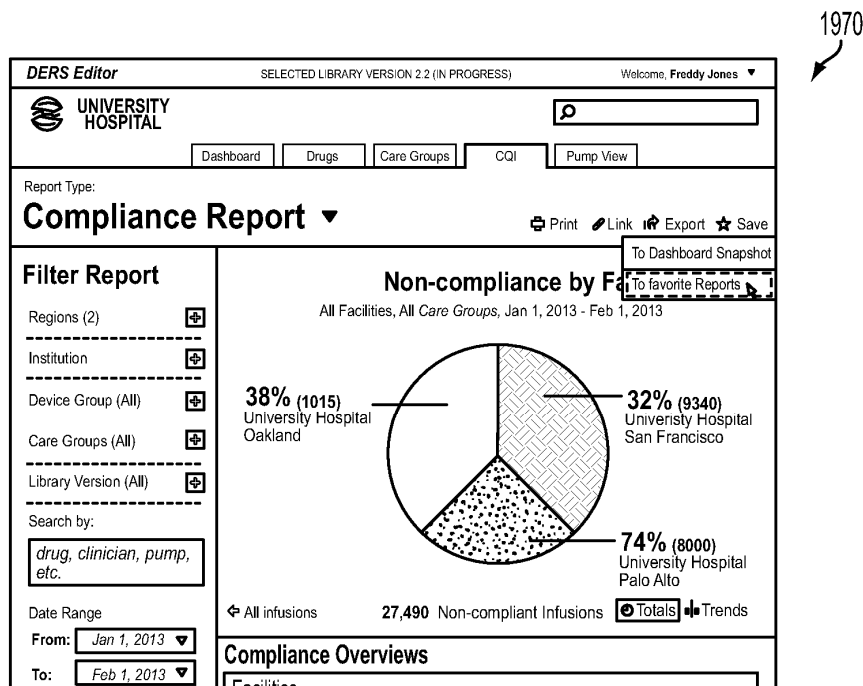


FIG. 119

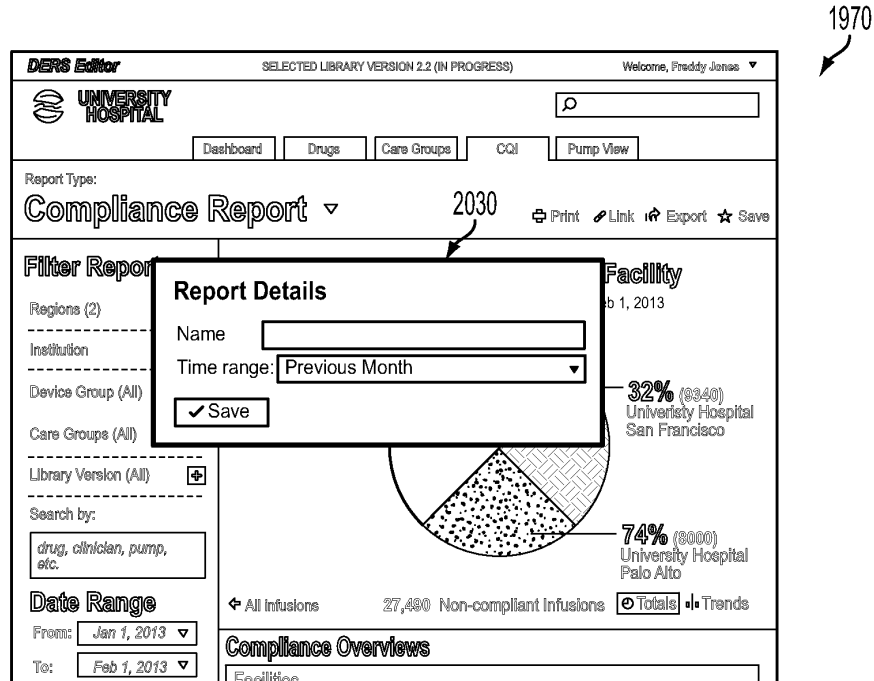


FIG. 120

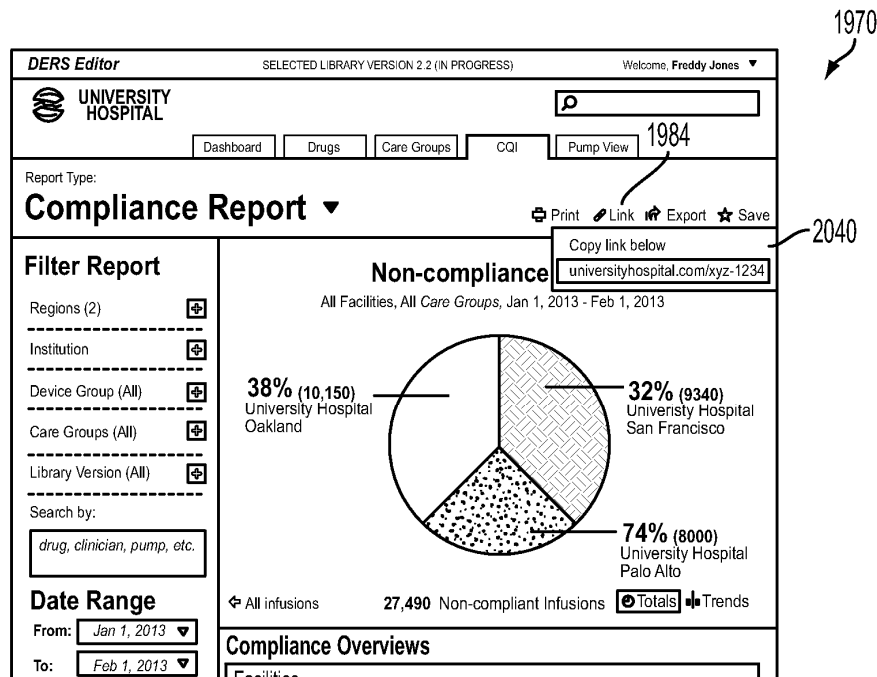


FIG. 121

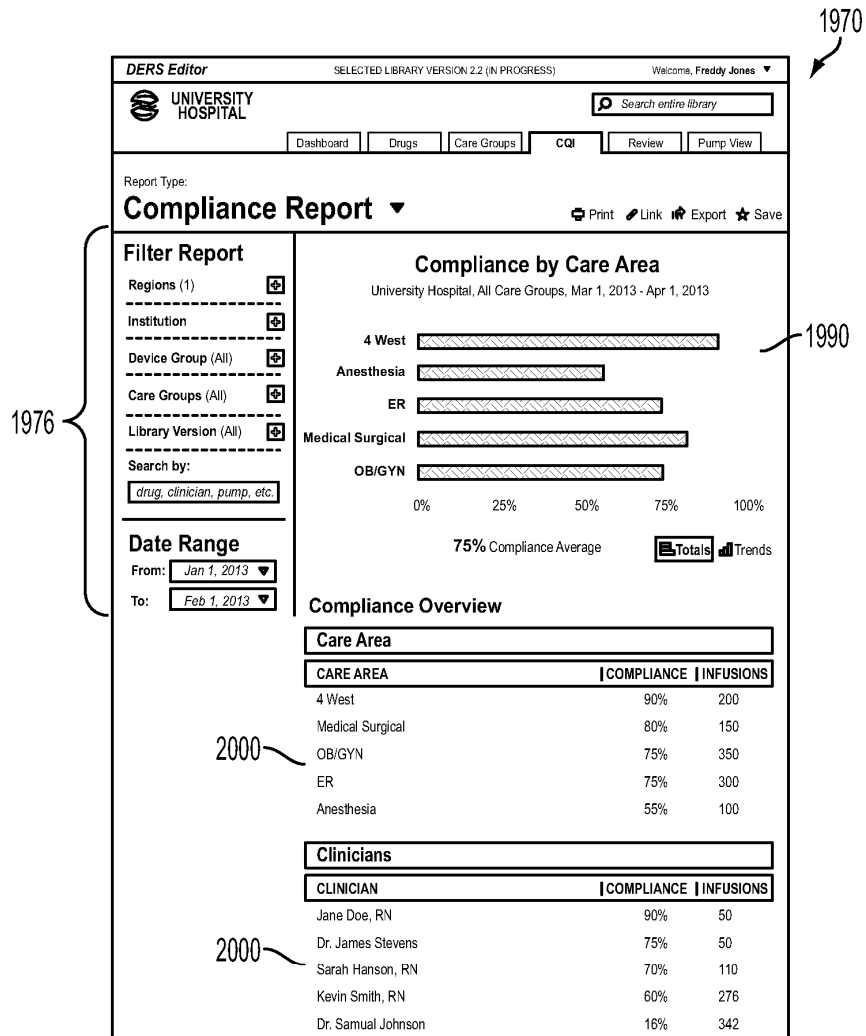


FIG. 122

1970

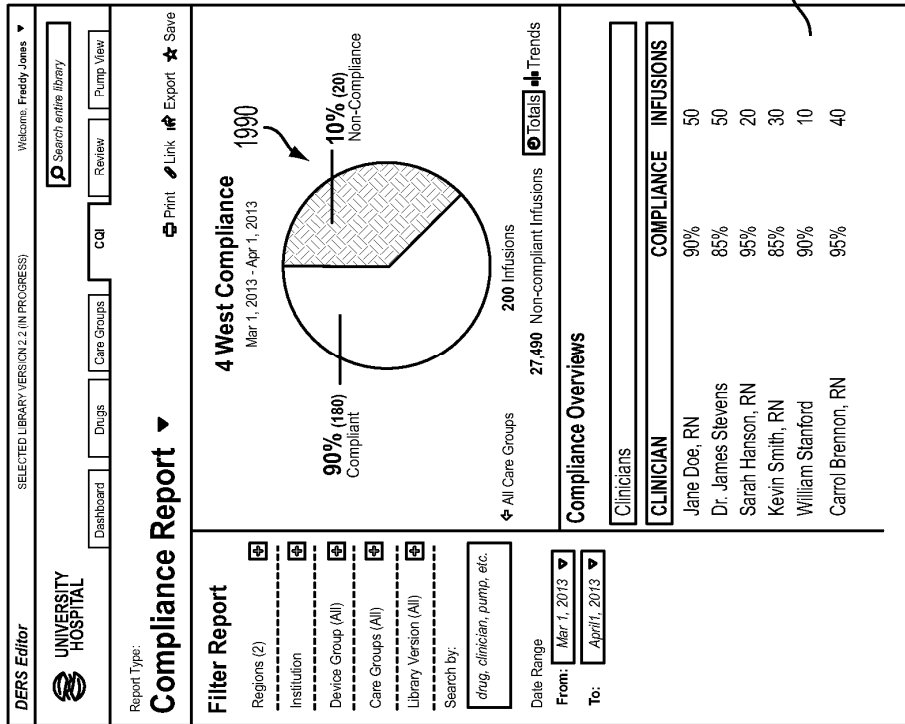


FIG. 123

1970

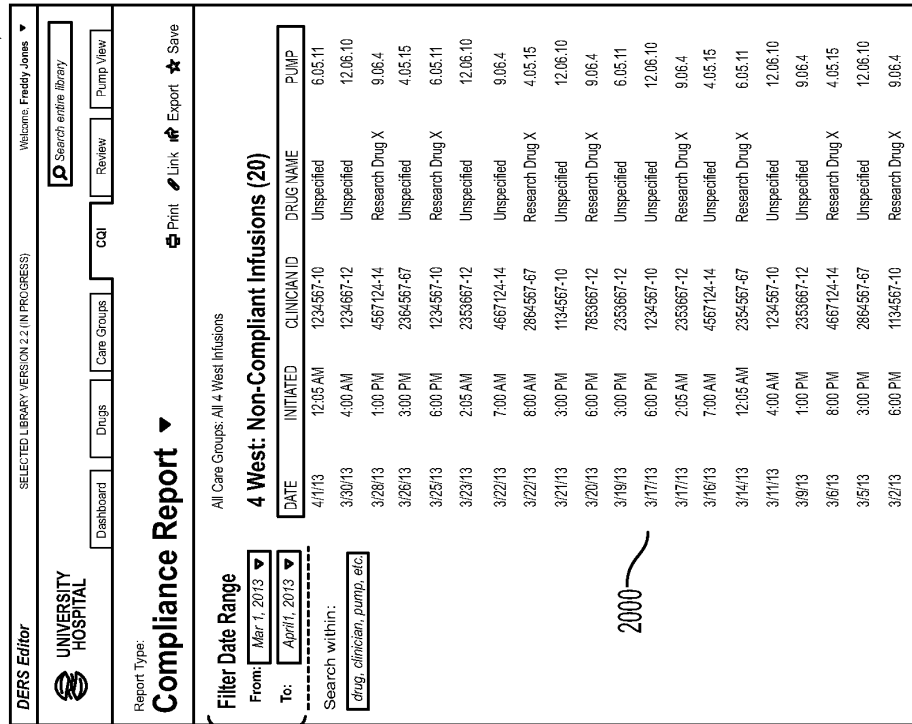


FIG. 124

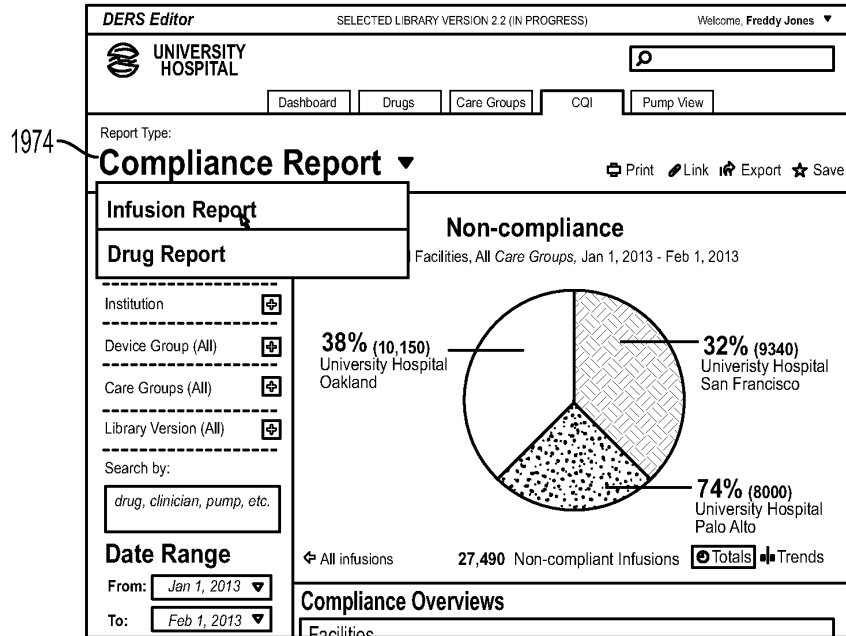


FIG. 125

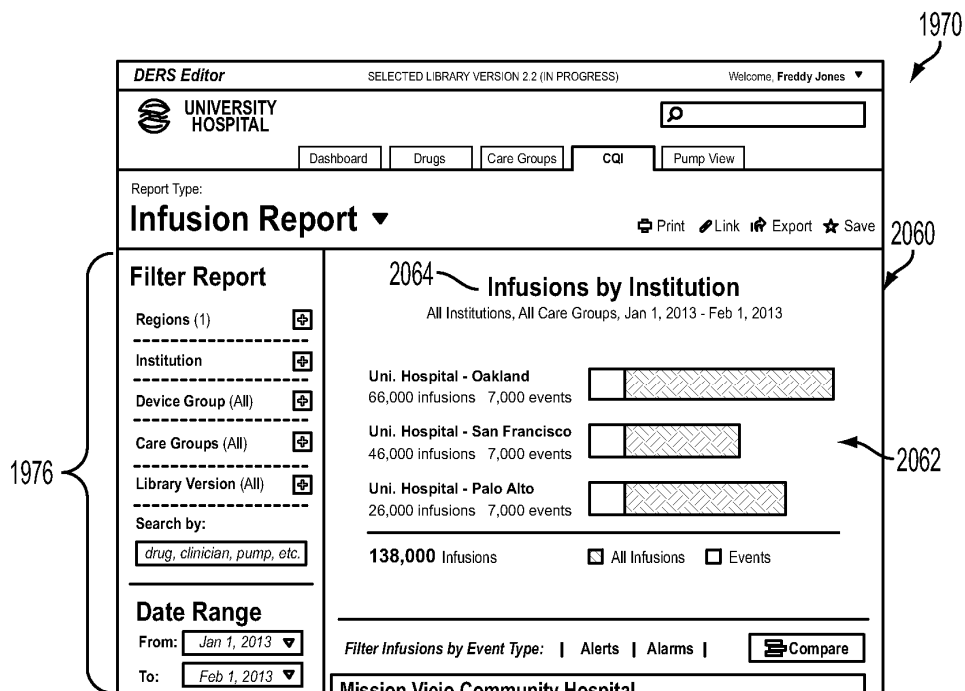


FIG. 126

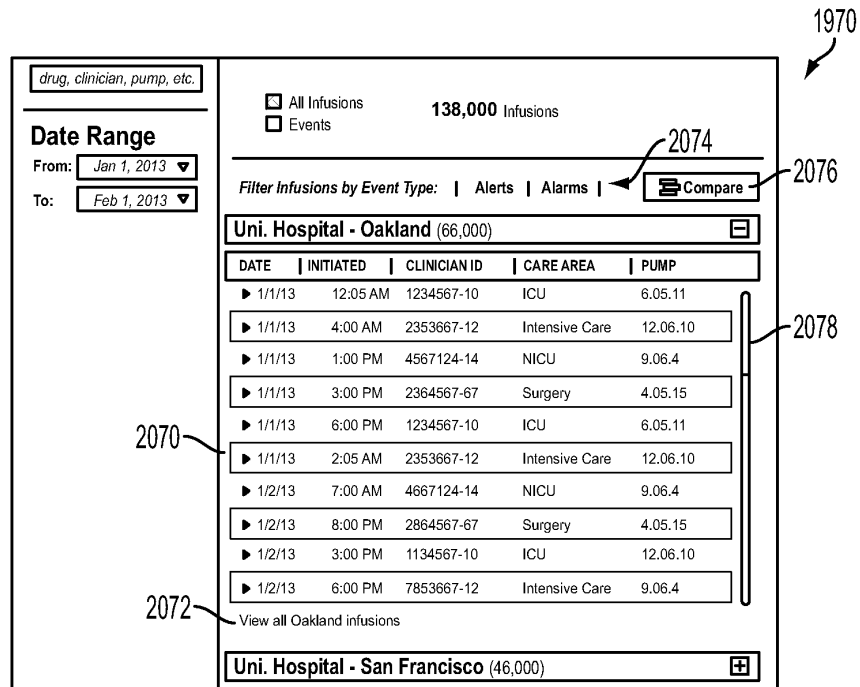


FIG. 127

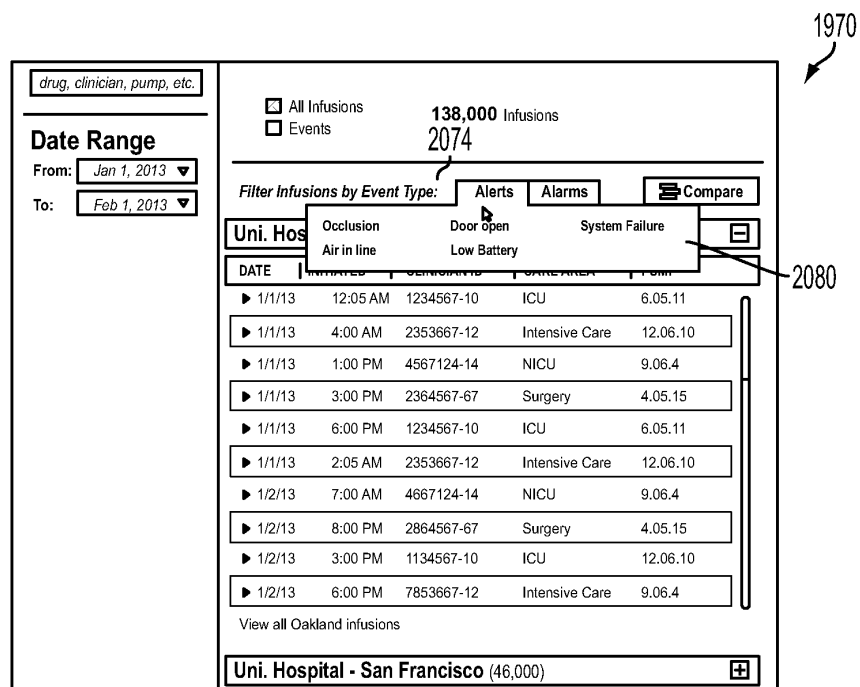


FIG. 128

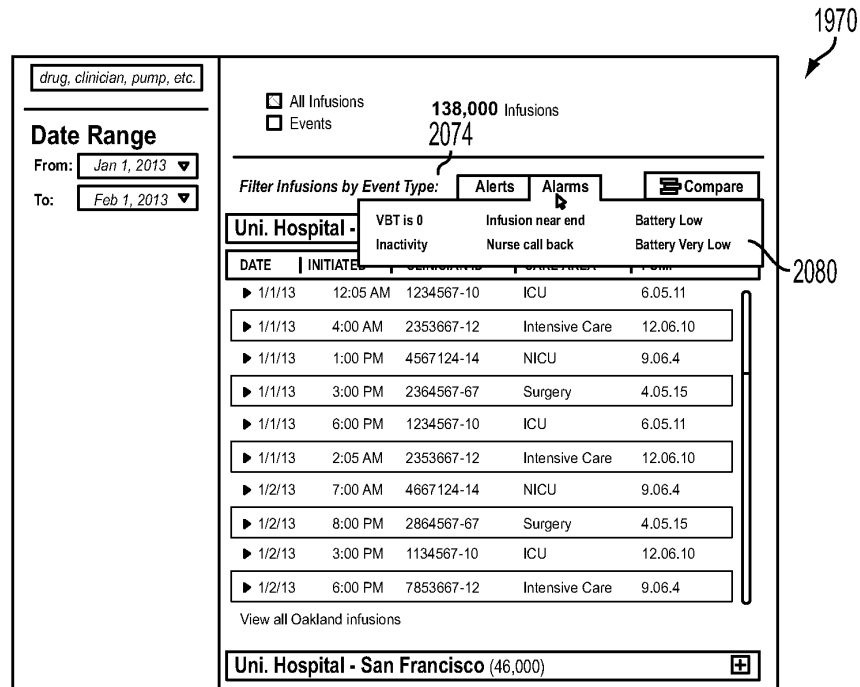


FIG. 129

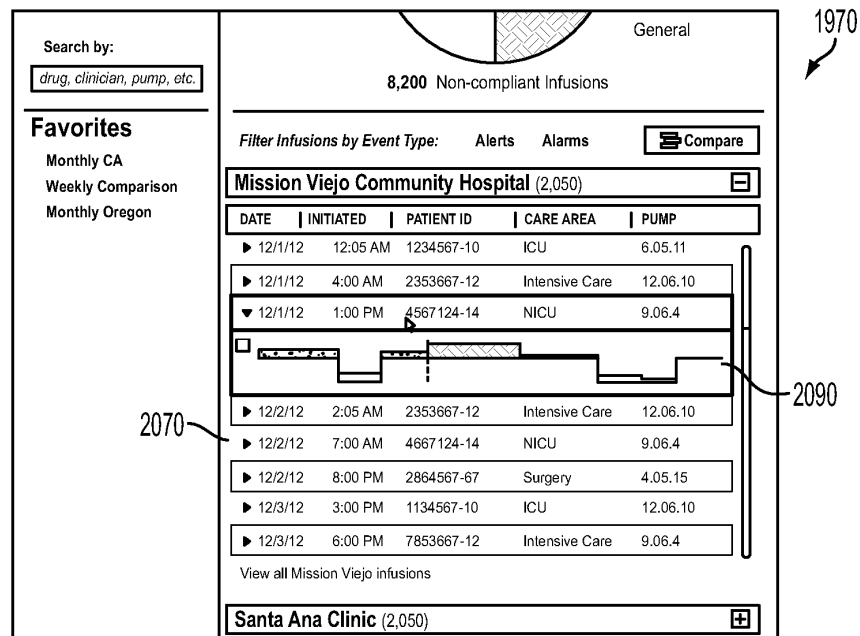


FIG. 130

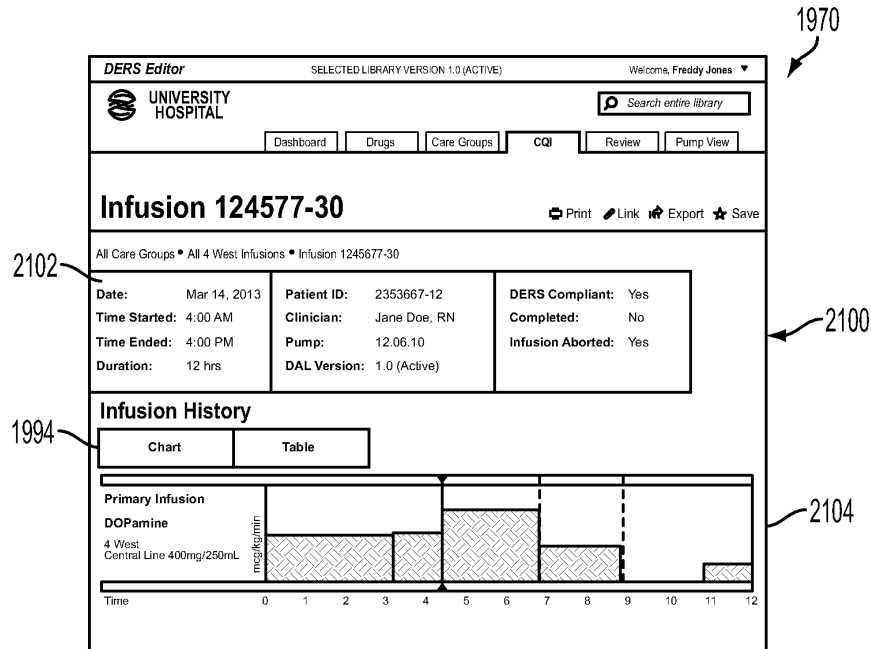


FIG. 131

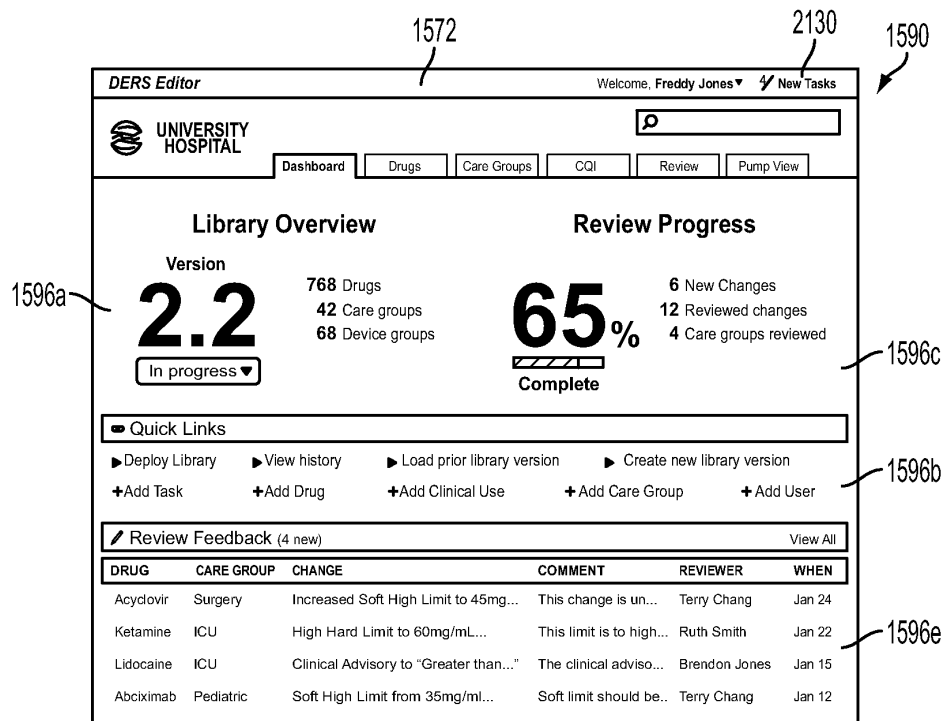


FIG. 132

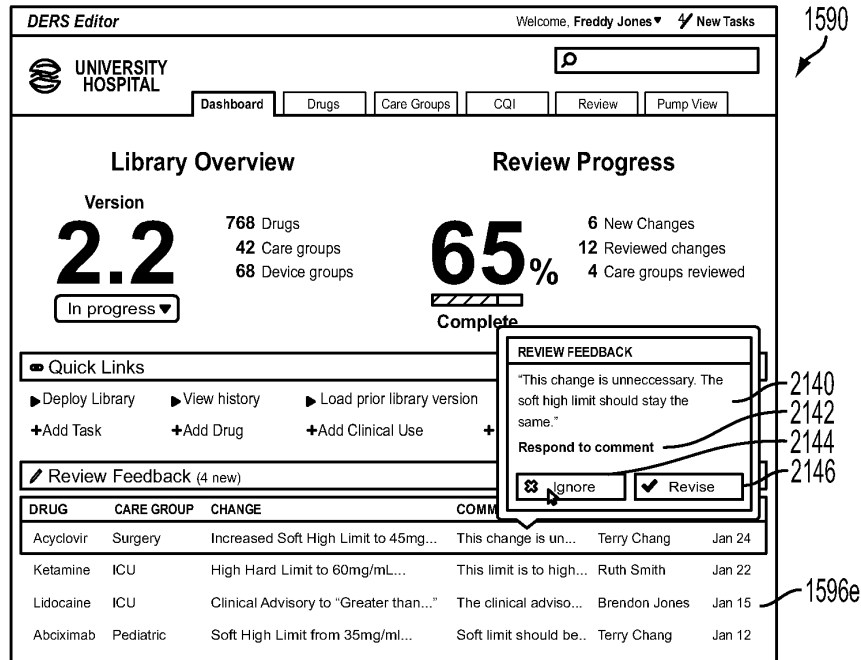


FIG. 133

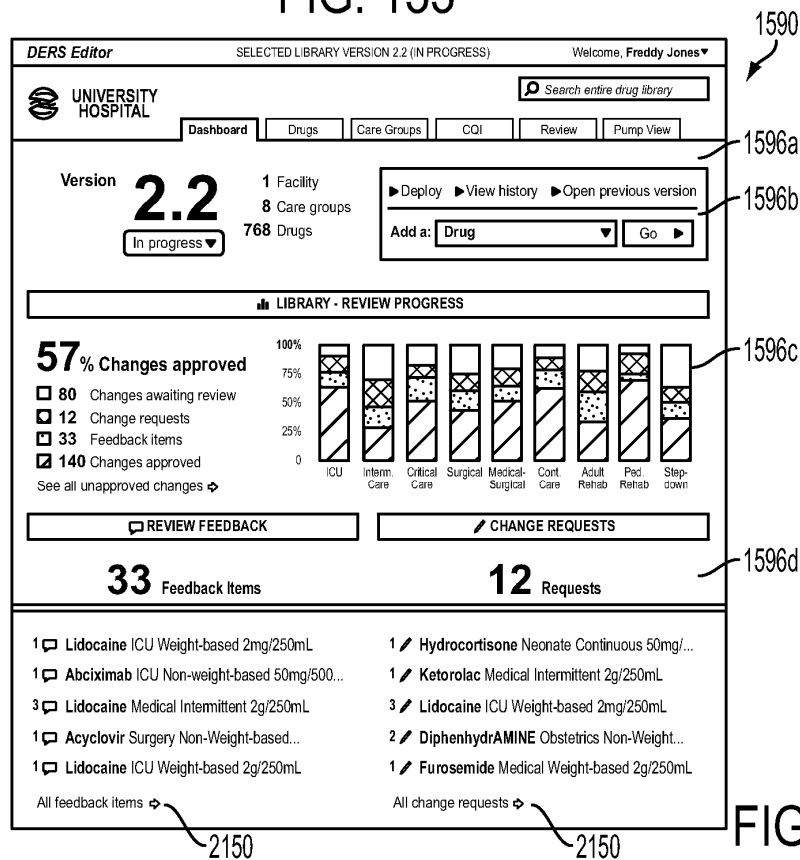


FIG. 134

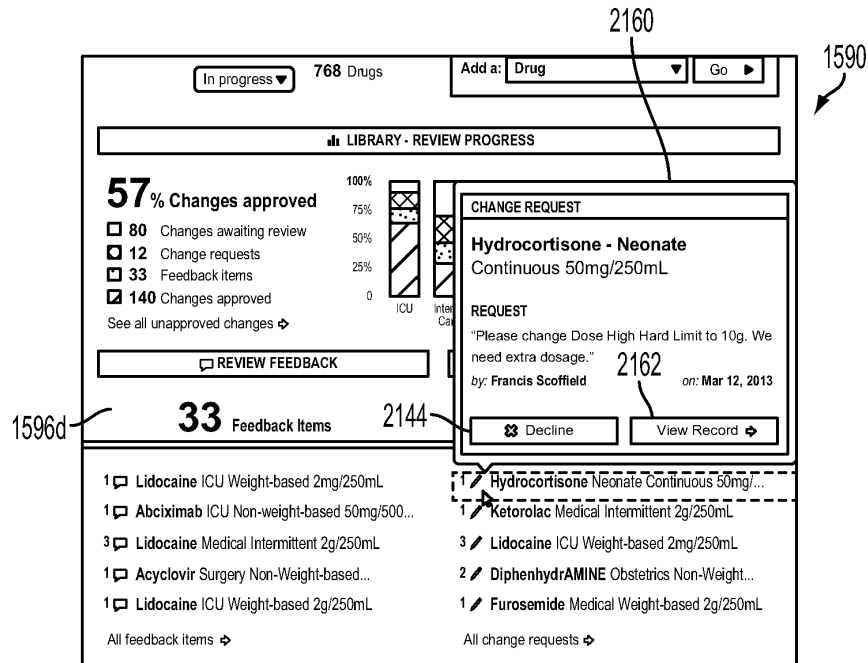


FIG. 135

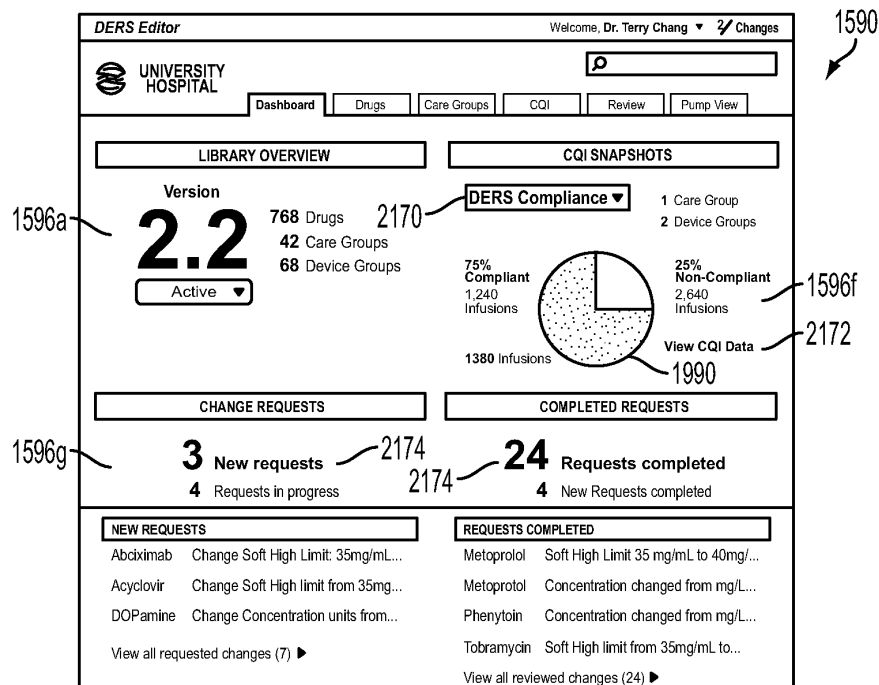


FIG. 136

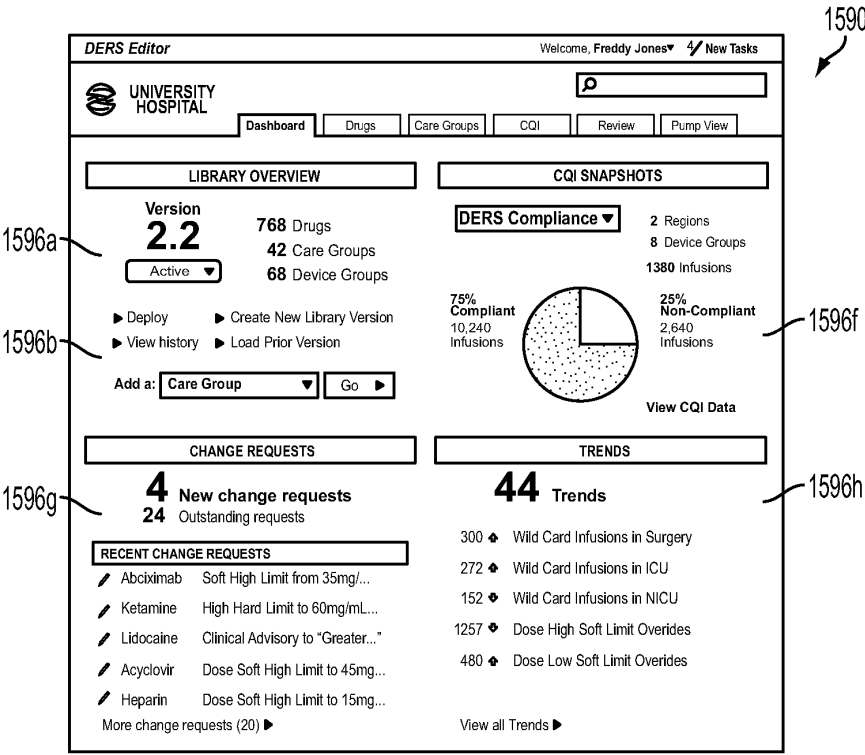


FIG. 137

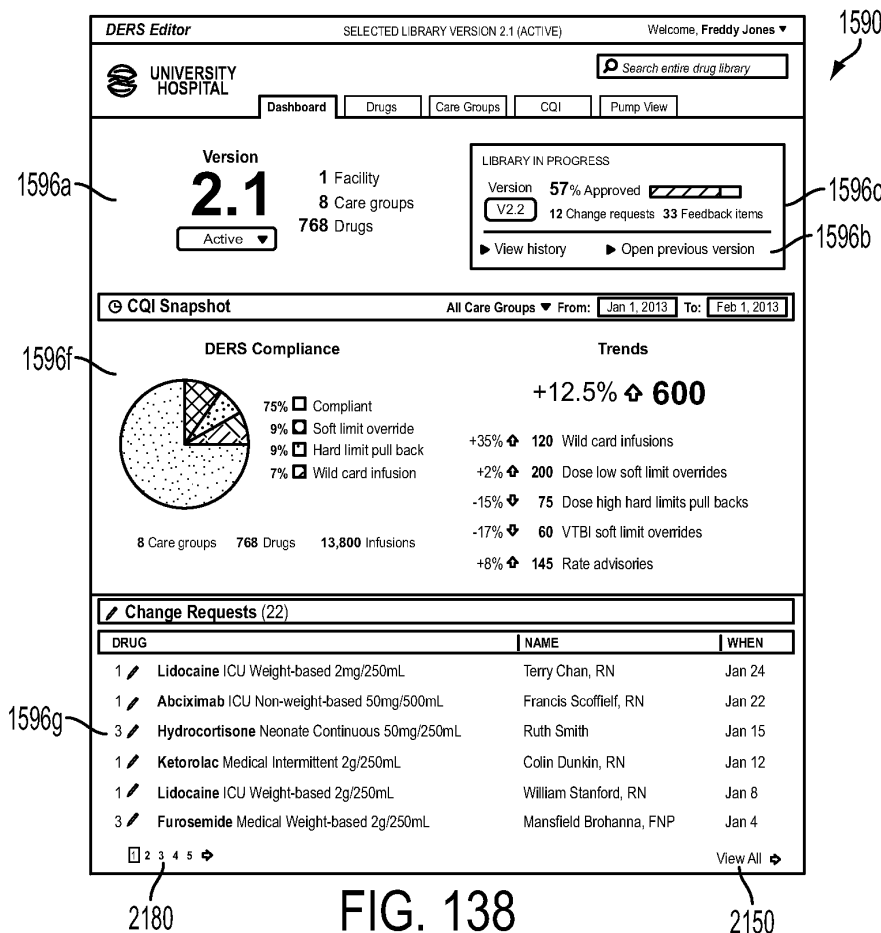


FIG. 138

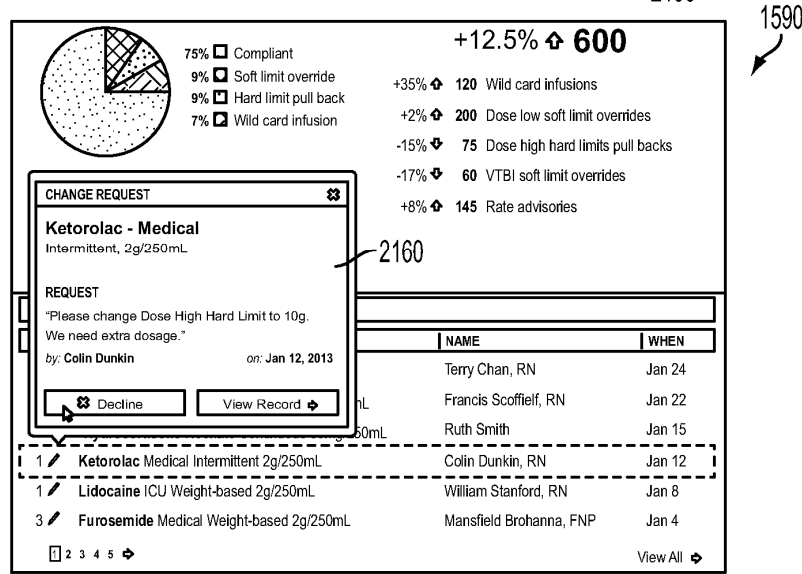


FIG. 139

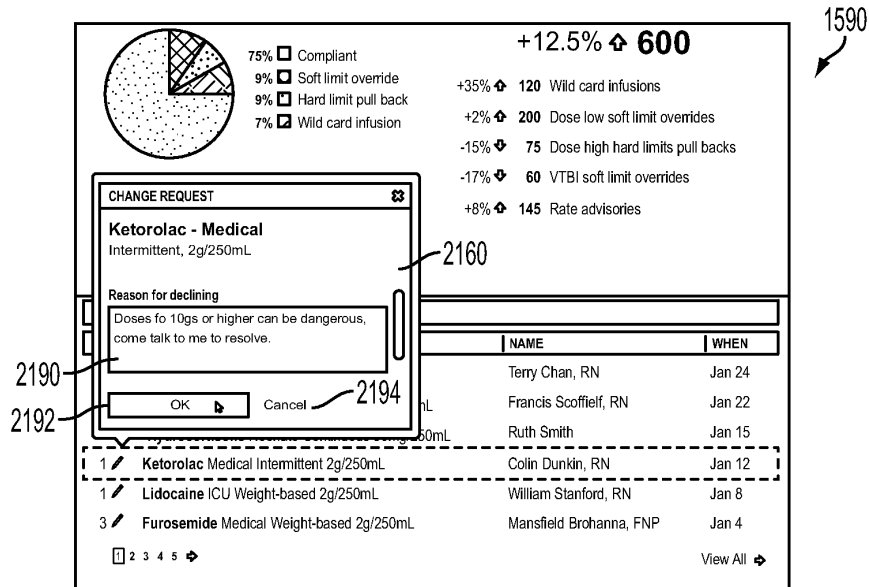


FIG. 140

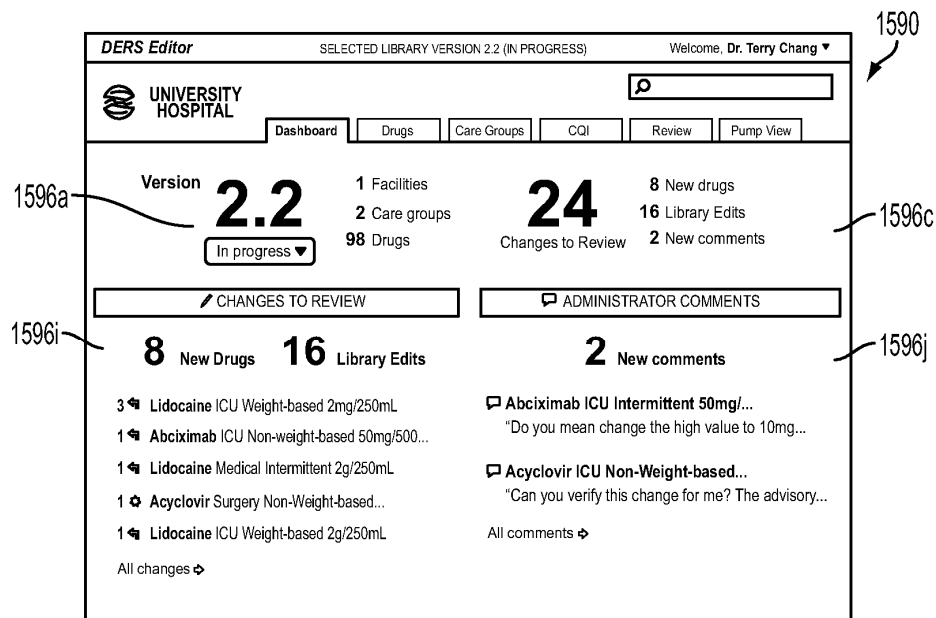


FIG. 141

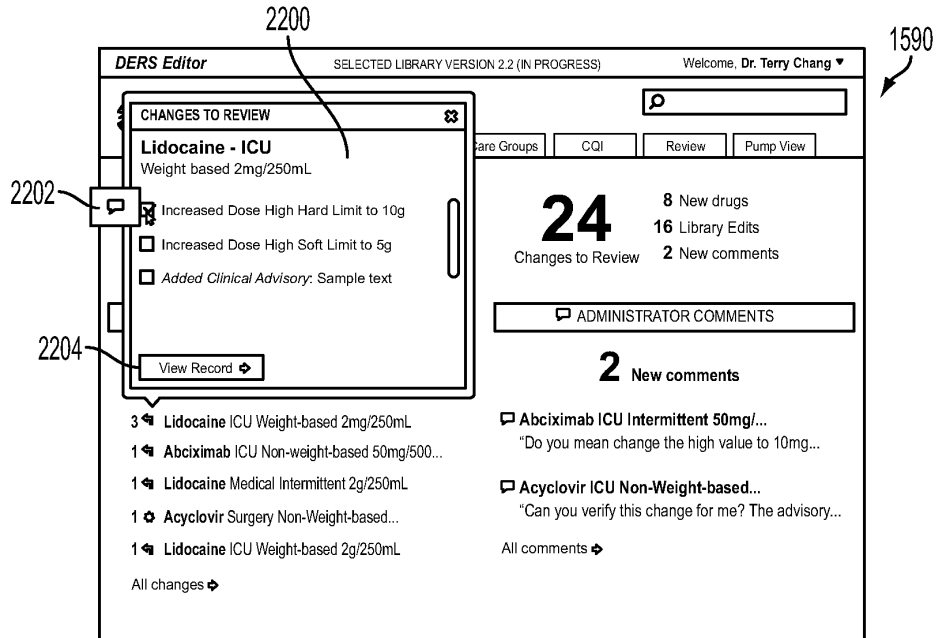


FIG. 142

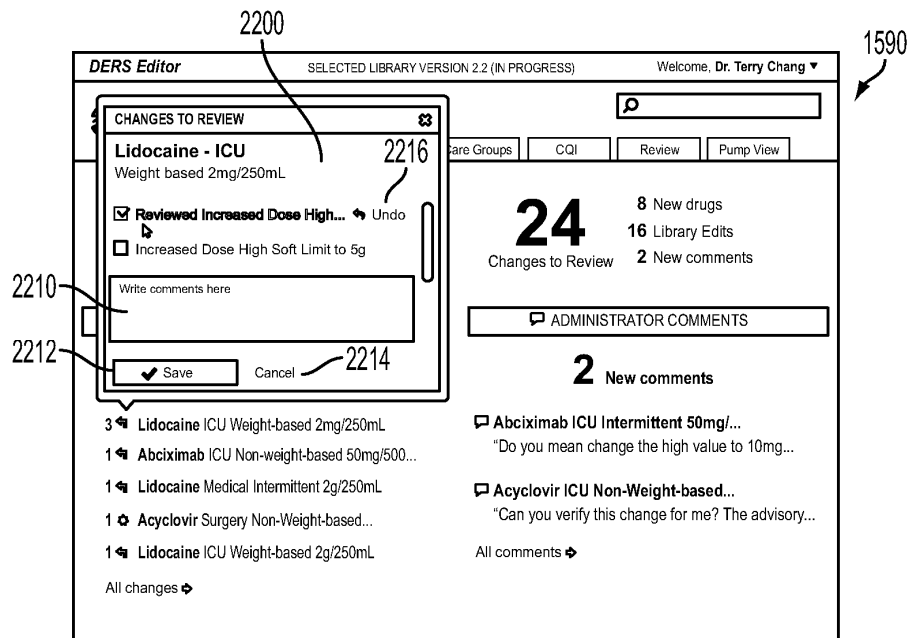


FIG. 143

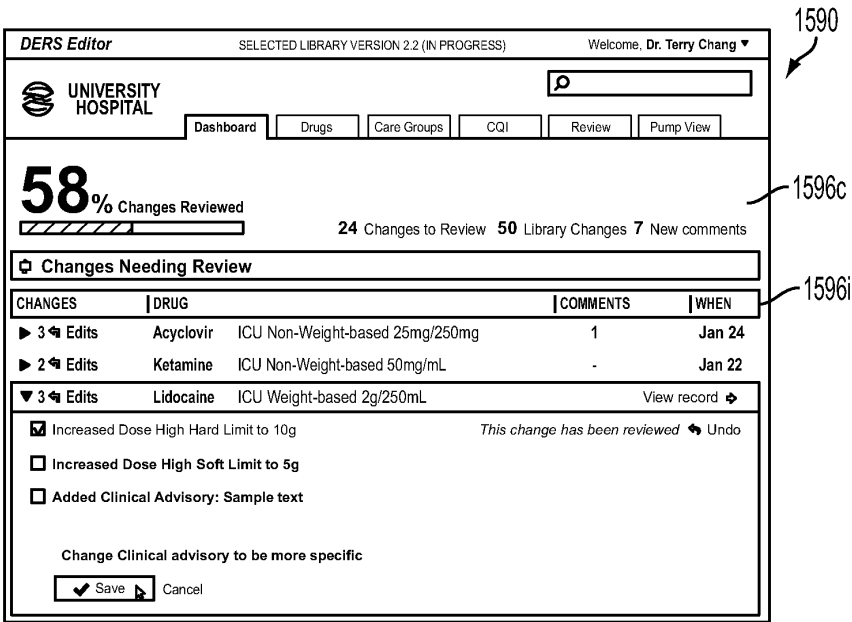


FIG. 144

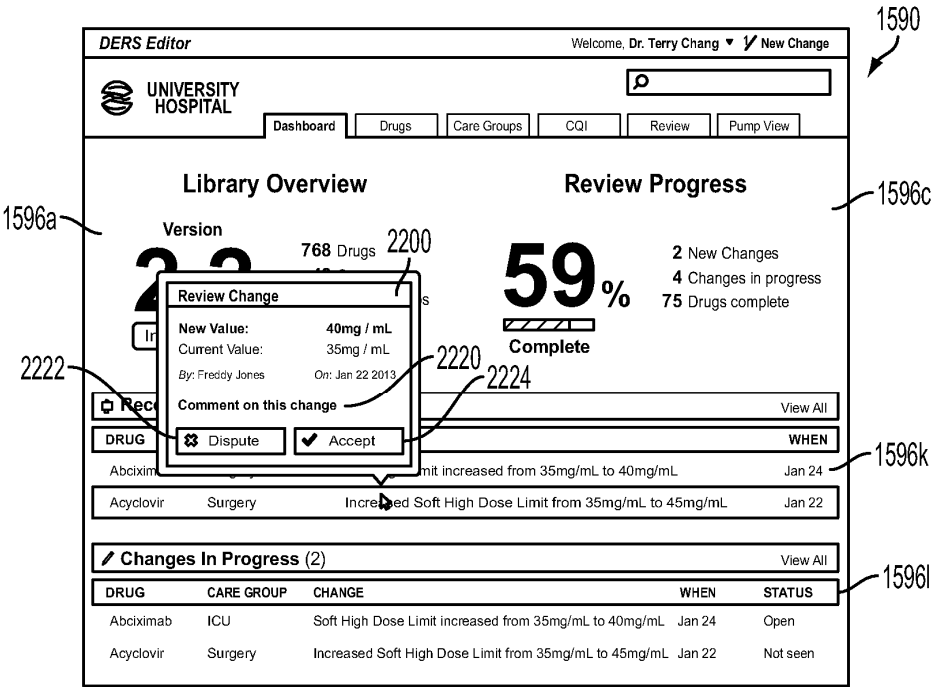


FIG. 145

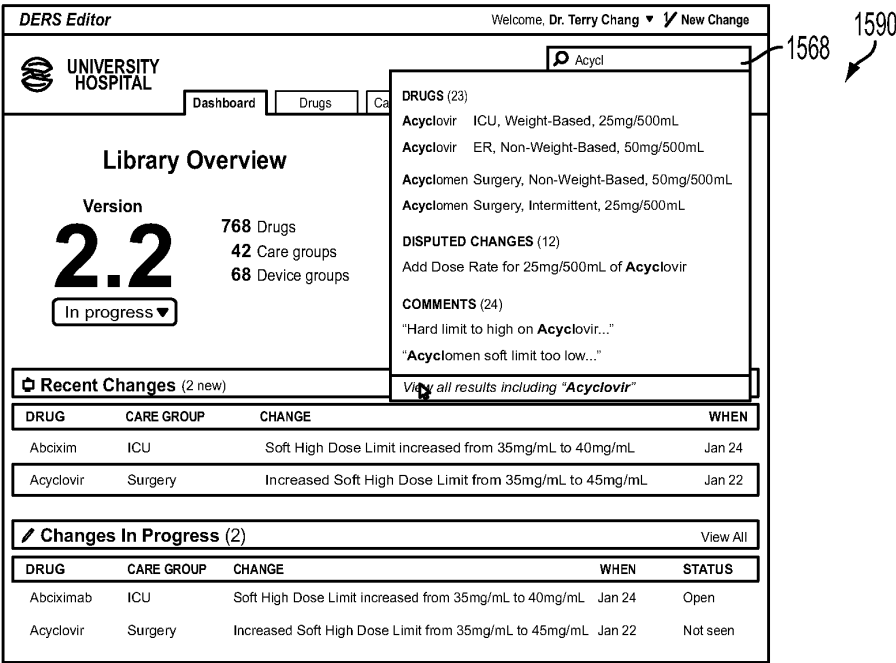


FIG. 146

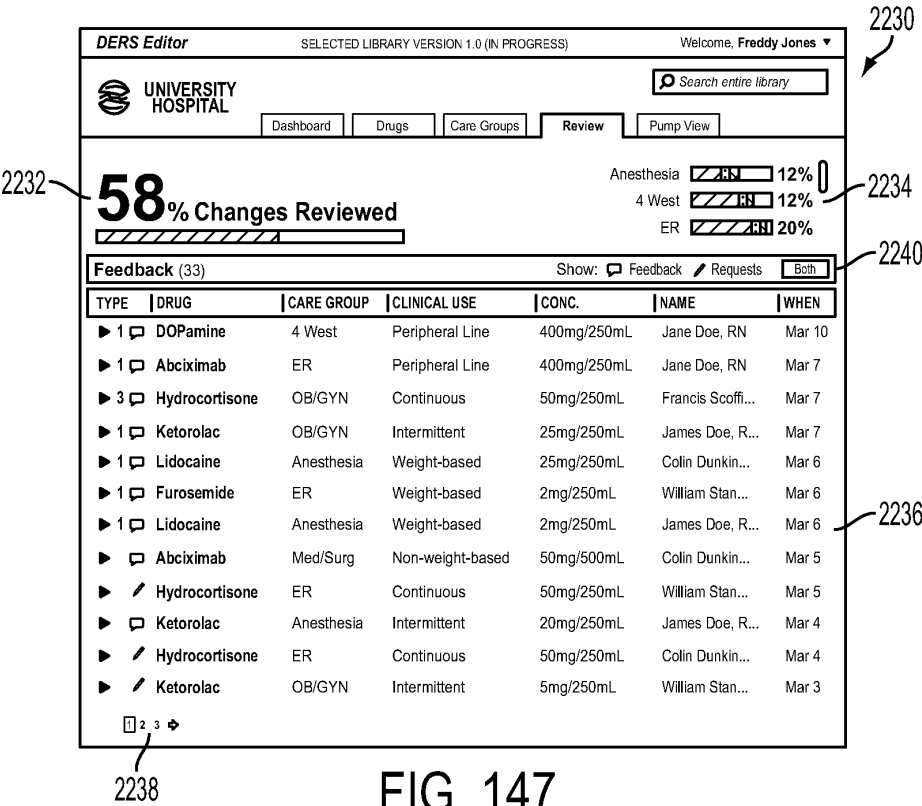


FIG. 147

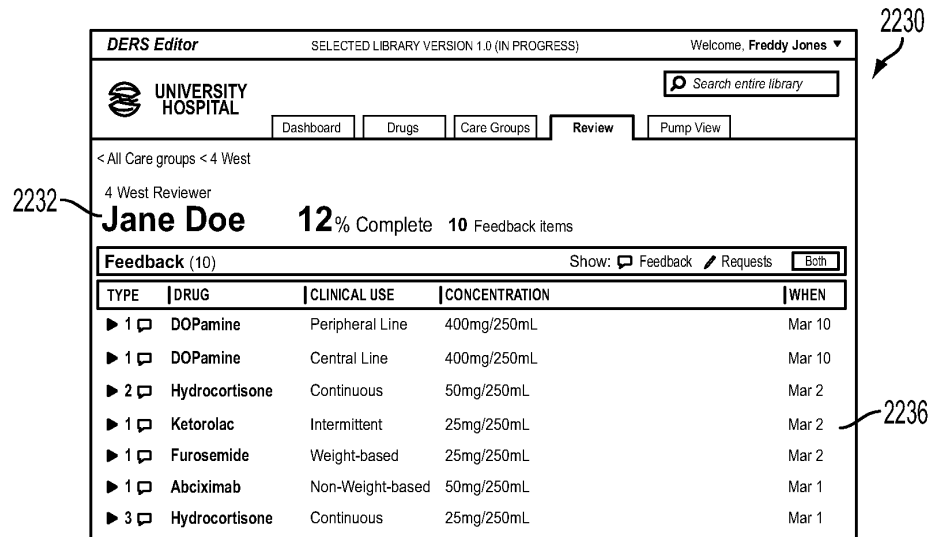


FIG. 148

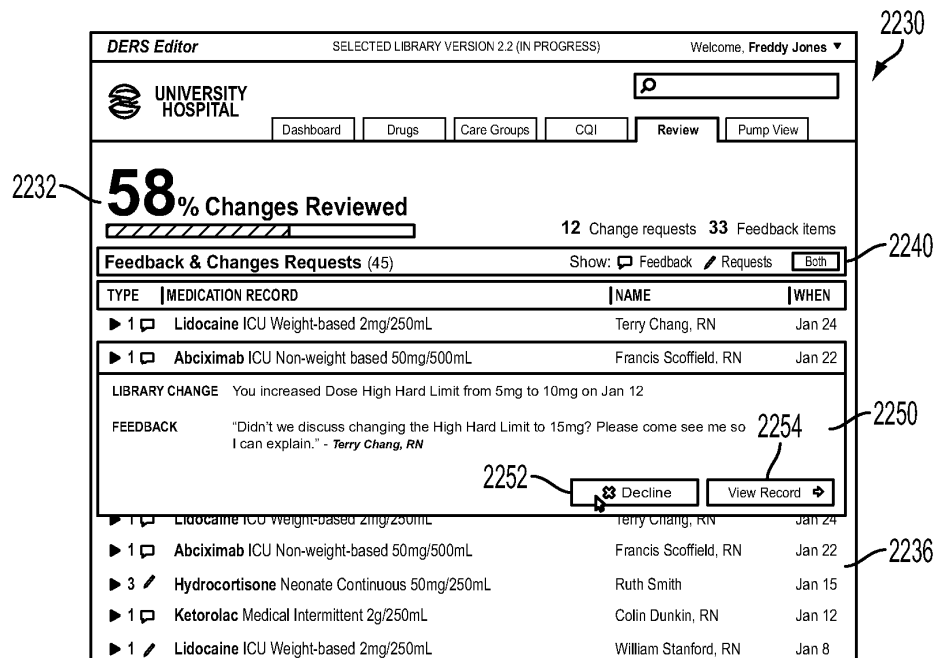


FIG. 149

DEERS Editor SELECTED LIBRARY VERSION 2.2 (IN PROGRESS) Welcome, **Freddy Jones**

UNIVERSITY HOSPITAL

Dashboard Drugs Care Groups CQI **Review** Pump View

58% Changes approved 12 Change requests 33 Feedback items

Feedback & Changes Requests (45) Show: Feedback Requests **Both**

TYPE	MEDICATION RECORD	NAME	WHEN
▶ 1	Lidocaine ICU Weight-based 2mg/250mL	Terry Chang, RN	Jan 24
▶ 1	Abciximab ICU Non-weight based 50mg/500mL	Francis Scofield, RN	Jan 22

LIBRARY CHANGE You increased Dose High Hard Limit from 5mg to 10mg on Jan 12

FEEDBACK "Didn't we discuss changing the High Hard Limit to 15mg? Please come see me so I can explain." - **Terry Chang, RN**

COMMENT Yes, but there can be adverse effects when delivering above 10mg

Cancel **Save** View Record

▶ 3	Hydrocortisone Neonate Continuous 50mg/250mL	Ruth Smith	Jan 15
▶ 1	Ketorolac Medical Intermittent 2g/250mL	Colin Dunkin, RN	Jan 12
▶ 1	Lidocaine ICU Weight-based 2mg/250mL	William Stanford, RN	Jan 8

FIG. 150

DEERS Editor SELECTED LIBRARY VERSION 1.0 (IN PROGRESS) Welcome, **Jane Doe**

UNIVERSITY HOSPITAL

Dashboard Drugs Care Groups CQI **Review** Pump View

58% Changes Reviewed 24 Changes to Review 7 Admin comments

Changes Needing Review Show: Changes to review Admin Comments Both

STATUS	CARE GROUP	DRUG	CLINICAL USE	CONC.	WHEN
Modified	4 West	DOPamine	Peripheral Line	400mg/250mL	Mar 5, 2013
Comment	4 West	Abciximab	Intermittent	50mg/500mL	Mar 4, 2013
New	4 West	Epirubicin	Non-weight-based	25mg/250mL	Mar 4, 2013
Modified	4 West	Ketamine	Non-weight-based	50mg/mL	Mar 4, 2013
Modified	4 West	Lidocaine	Central Line	25mg/250mL	Mar 3, 2013
New	4 West	Abciximab	Intermittent	50mg/500mL	Mar 2, 2013
Modified	4 West	Abatacept	Non-weight-based	25mg/250mL	Mar 2, 2013
Comment	4 West	Chlorothiazide	Non-weight-based	50mg/mL	Mar 2, 2013
Modified	4 West	DOPamine	Central Line	400mg/250mL	Mar 2, 2013
New	4 West	Lidocaine	Weight-based	25mg/250mL	Mar 1, 2013

2 3

FIG. 151

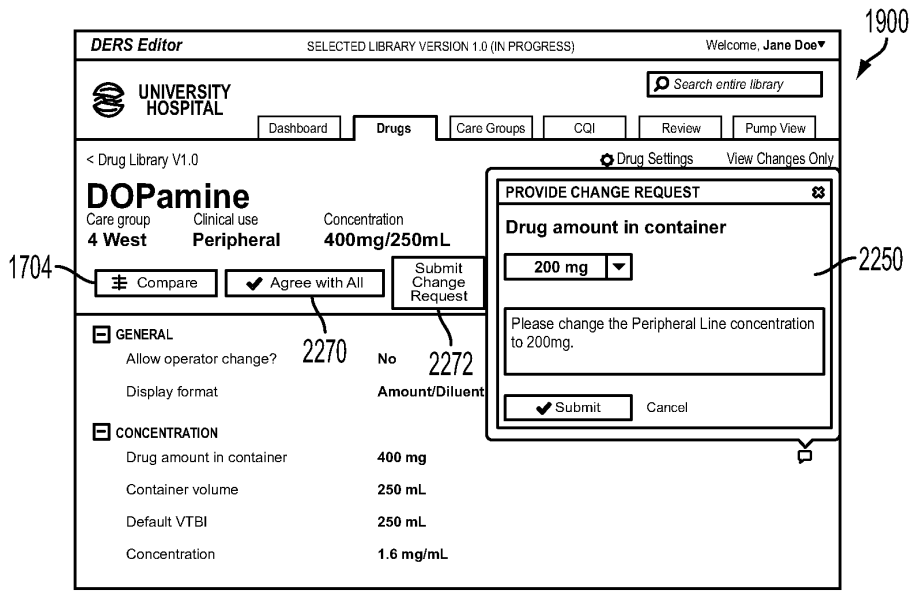


FIG. 152

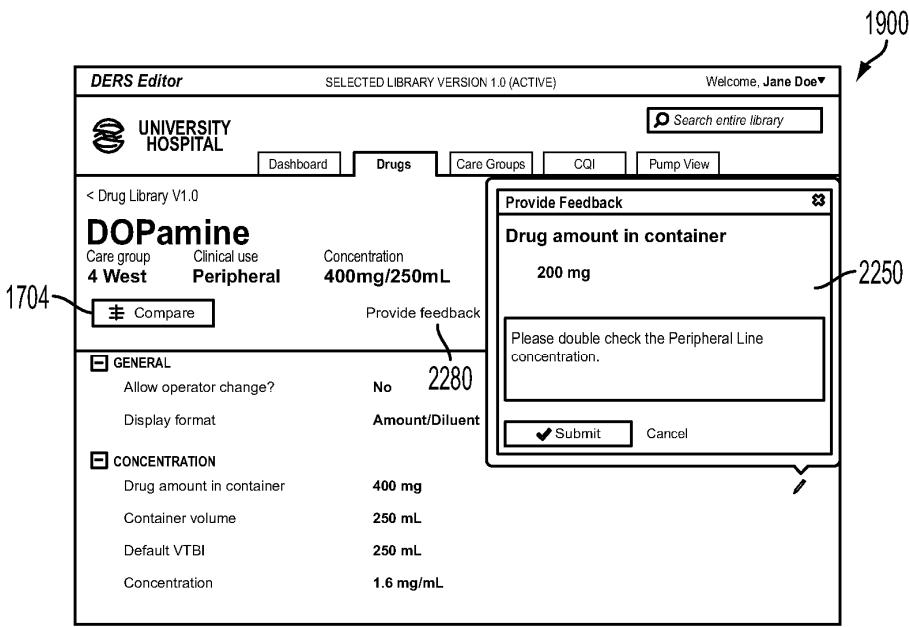


FIG. 153

1700

DERs Editor
SELECTED LIBRARY VERSION 1.0 (IN PROGRESS)
Welcome, **Freddy Jones**

Search entire library

Dashboard
Drugs
Care Groups
Review
Pump View

< Drug Library V1.0

DOPamine

Care group: **4 West**
Clinical use: **Peripheral**
Concentration: **400mg/250mL**

Copy
Delete
Save

GENERAL
Allow operator change?
Display format

CONCENTRATION
Drug amount in container
Container volume
Default VTBI
Concentration

Yes
Concentration
400 mg
250 mL
250 mL
1.6 mg/mL

Change Request
DOPamine - 4 West
Peripheral Line 400mg/250mL
SUGGESTED VALUE
Amount in Container: **200 mg**
"Please change the Peripheral Line concentration to 200 mg."
by: **Jane Doe, RN**
on: **Mar 10th**

Decline
Accept

FIG. 154

1900

DERs Editor
SELECTED LIBRARY VERSION 2.2 (IN PROGRESS)
Welcome, **Freddy Jones**

Search entire library

Dashboard
Drugs
Care Groups
CQI
Pump View

< Drug Library V2.2

Lidocaine

Care group: **ICU**
Clinical use: **Weight-Based**
Concentration: **2mg/250mL**

Copy
Delete
Save

GENERAL
Allow operator change?
Display format

VOLUME
Drug unit
Drug amount in container
Container volume
Default VTBI
Concentration

Yes
Concentration
mg / mL
25 mg
250 mL
250 mL
25 mg

LIMITS
High
Hard
Soft

5 mg / mL
3 mg / mL

CHANGE REQUEST
Lidocaine - ICU
Weight-based 2mg/250ml
REQUEST
"Please change Dose High-Hard Limit to 10mg. This will cut back on alerts."
by: **William Stanford**
on: **Feb 20th**

Decline
Accept

FIG. 155

1900

DERs Editor
SELECTED LIBRARY VERSION 2.2 (IN PROGRESS)
Welcome, Freddy Jones

UNIVERSITY HOSPITAL
Search entire library

Dashboard
Drugs
Care Groups
CQI
Pump View

< Drug Library V2.2
 Drug settings

Lidocaine
2296

Care group ICU
Clinical use Weight-Based
Concentration 2mg/250mL

Copy
Delete
Save
1 change

GENERAL

Allow operator change?
 ☒ Yes
 ☐ No

Display format
 ☒ Concentration
 ☐ Amount / Diluent

VOLUME

Drug unit
 mg / mL

Drug amount in container
 25 mg

Container volume
 250 mL

Default VTBI
 250 mL

Concentration
 2300
25 mg / mL
2302

LIMITS

High
 Hard
10 mg / mL
Active v2.1 1:5 mg / mL

Soft
 3 mg / mL

FIG. 156

1900

DERs Editor
SELECTED LIBRARY VERSION 2.2 (IN PROGRESS)
Welcome, Freddy Jones

UNIVERSITY HOSPITAL
Search entire library

Dashboard
Drugs
Care Groups
CQI
Pump View

< Drug Library V2.2
 Drug settings

Lidocaine

Care group ICU
Clinical use Weight-Based
Concentration 2mg/250mL

Copy
Delete
Save
1 change
2312
2314
2314

GENERAL

Allow operator change?
 ☒ Yes
 ☐ No

Display format
 ☒ Concentration
 ☐ Amount / Diluent

VOLUME

Drug unit
 mg / mL

Drug amount in container
 25 mg

Container volume
 250 mL

Default VTBI
 250 mL

Concentration
 25 mg / mL

LIMITS

High
 Hard
5 mg / mL

Soft
 3 mg / mL

WRITE A NEW NOTE

Upload

The Effectiveness of Lidocaine for Middle Aged Men with Heart Conditions.

Cibil AR, Randish V. Cranston B

Herpes Simplex Treatment Journal

Save Note

FIG. 157

1900

DERS Editor
SELECTED LIBRARY VERSION 2.2 (IN PROGRESS)
Welcome, **Freddy Jones**

UNIVERSITY HOSPITAL

Dashboard
Drugs
Care Groups
CQI
Pump View

< Drug Library V2.2

Lidocaine

Care group: ICU
Clinical use: Weight-Based
Concentration: 2mg/250mL

Copy
Delete
Save
1 change

NOTE
Exceeding Limits in Surgical Care Where to Draw the Line.
Freedman SB, Adler M, Sachadri R
Medical Care Today
Posted by Dr. Terry Chang On: Feb 13, 2013

The Effectiveness of Lidocaine for Middle Aged Men with Heart Conditions.
Cibul AR, Randish V, Cranston B
Herpes Simplex Treatment Journal
Posted by Dr. William Snafford On: Oct 7, 2013

New Note

GENERAL
Allow operator change? ☒ Yes
Display format ☒ Concentration

VOLUME
Drug unit: mg / mL
Drug amount in container: 25 mg
Container volume: 250 mL
Default VTBI: 250 mL
Concentration: 25 mg / mL

LIMITS
High Hard 5 mg / mL
Soft 3 mg / mL

FIG. 158

1900

DERS Editor
Welcome, **Dr. Terry Chang**
1 Change

UNIVERSITY HOSPITAL

Dashboard
Drugs
Care Groups
CQI
Pump View

< Drug Library V2.2

Acyclovir

Care group: Surgery
Clinical use: Non-Weight-Based
Concentration: 50 mg/250mL

Copy
Delete
Save
1 required field empty

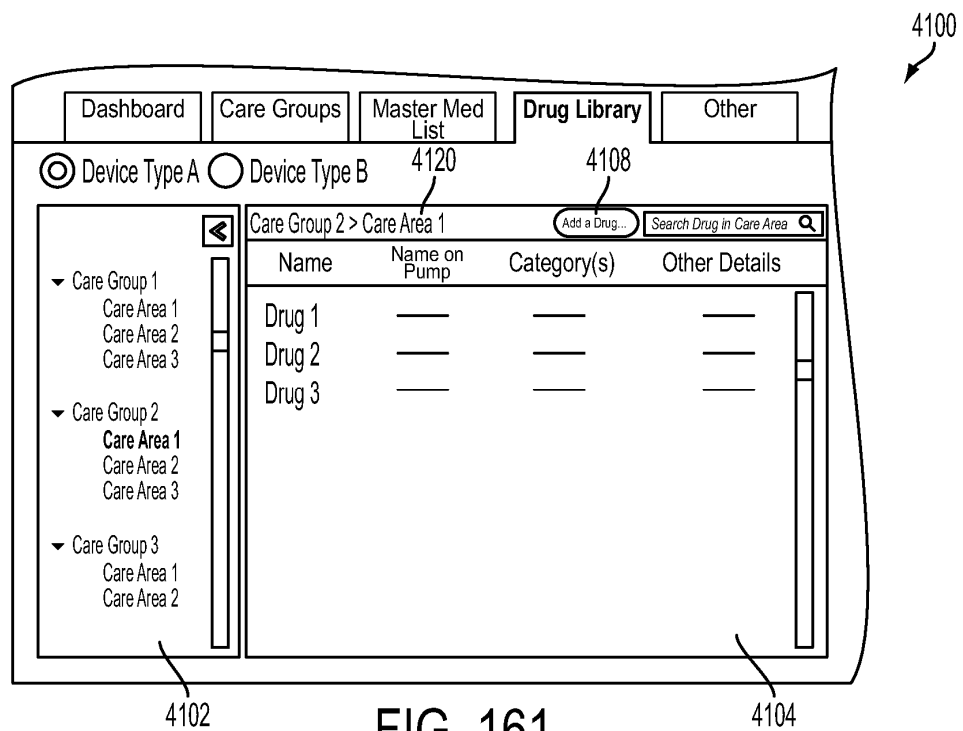
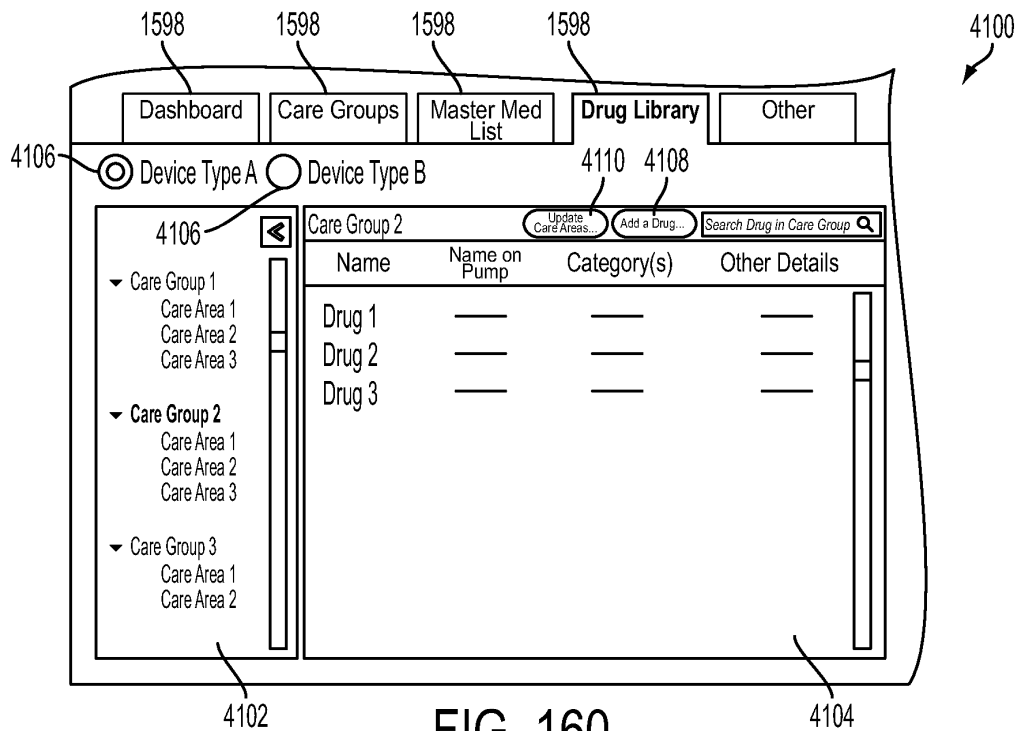
GENERAL
Allow operator change? ☒ Yes ☐ No
Display format ☒ Concentration ☐ Amount / Diluent

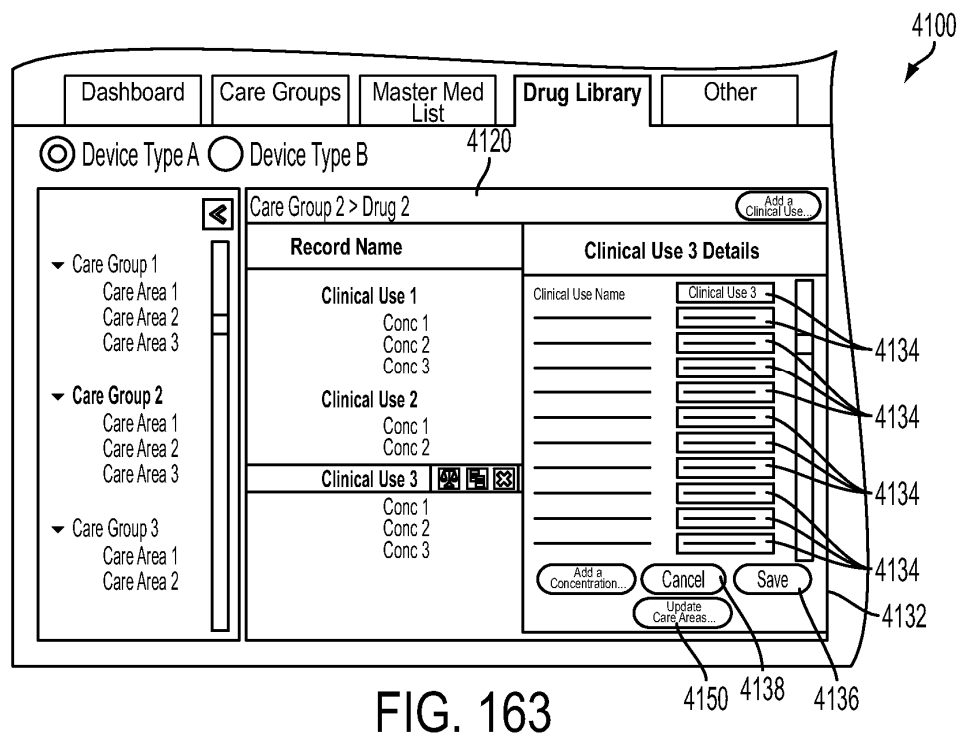
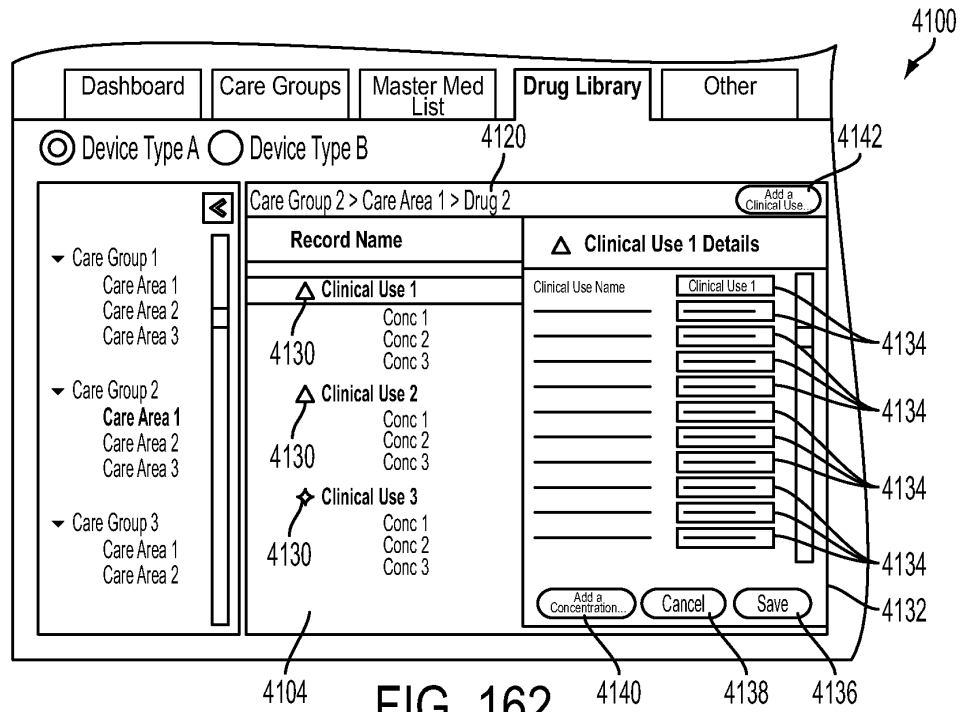
VOLUME
Drug unit: 25 mg / mL
Drug amount in container: mg/mL
Container volume: 25 mg
Default VTBI: mL
Concentration: 250 mL

LIMITS
High Hard 40 mg / mL original value: 35 mg / mL
Soft 30 mg / mL

Review Change
New Value: 40 mg / mL
Original Value: 35 mg / mL
By Freddy Jones On Jan 22, 2103
Comment on this change
Dispute Accept

FIG. 159





4160

Select the desired Care Areas within the Care Group to apply the changes to Drug 2, Clinical Use 3. } 4162

4164 { **Change(s) summary:**
Drug 2, Clinical Use 3 change summary sample text

4166 { Care Area 1 ☐ Don't Apply
☒ Apply

Care Area 2 ☒ Don't Apply
☐ Apply

Care Area 3 ☐ Don't Apply
☒ Apply

4169 Cancel 4168 Save

FIG. 164

4100

Dashboard Care Groups Master Med List Drug Library Other

☒ Device Type A ☐ Device Type B 4120

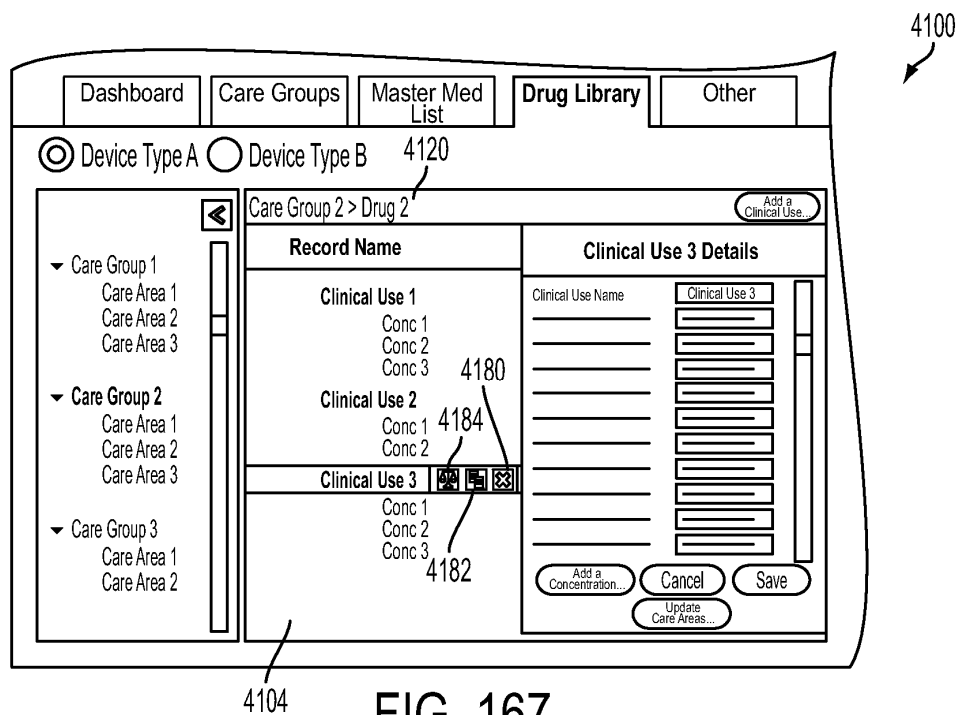
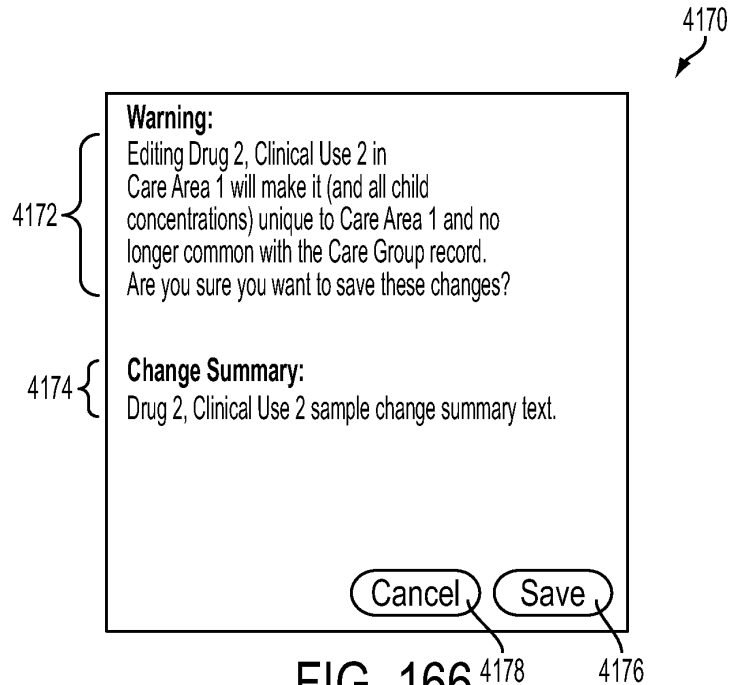
Care Group 2 > Care Area 1 > Drug 2 Add a Clinical Use...

Record Name	Clinical Use 2 Details
△ Clinical Use 1 Conc 1 Conc 2 Conc 3	Clinical Use Name Clinical Use 2
△ Clinical Use 2 Conc 1 Conc 2	
◆ Clinical Use 3 Conc 1 Conc 2 Conc 3	

4134 4134 4134 4134 4134

Add a Concentration... Cancel 4138 Save 4136

FIG. 165



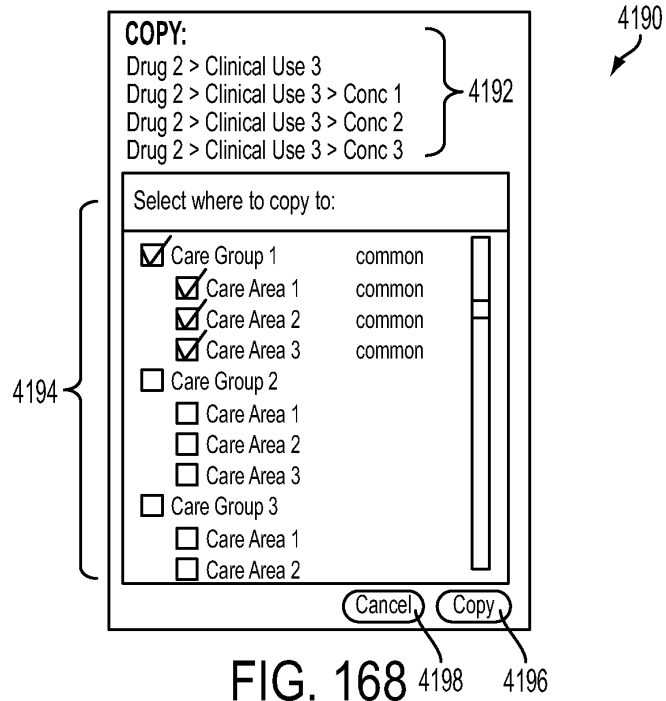


FIG. 168

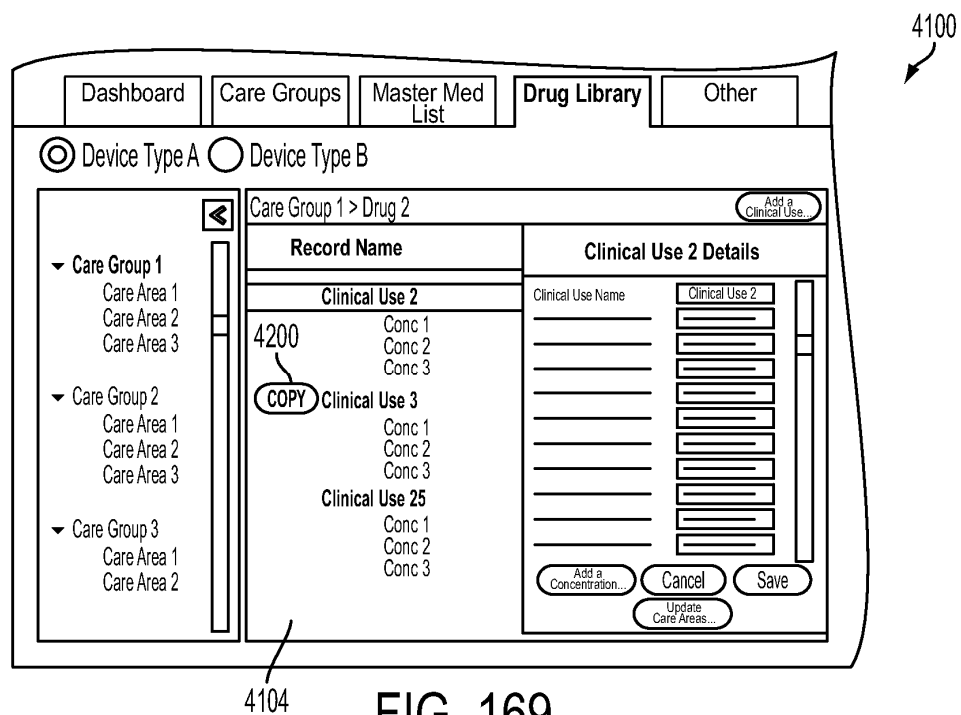


FIG. 169

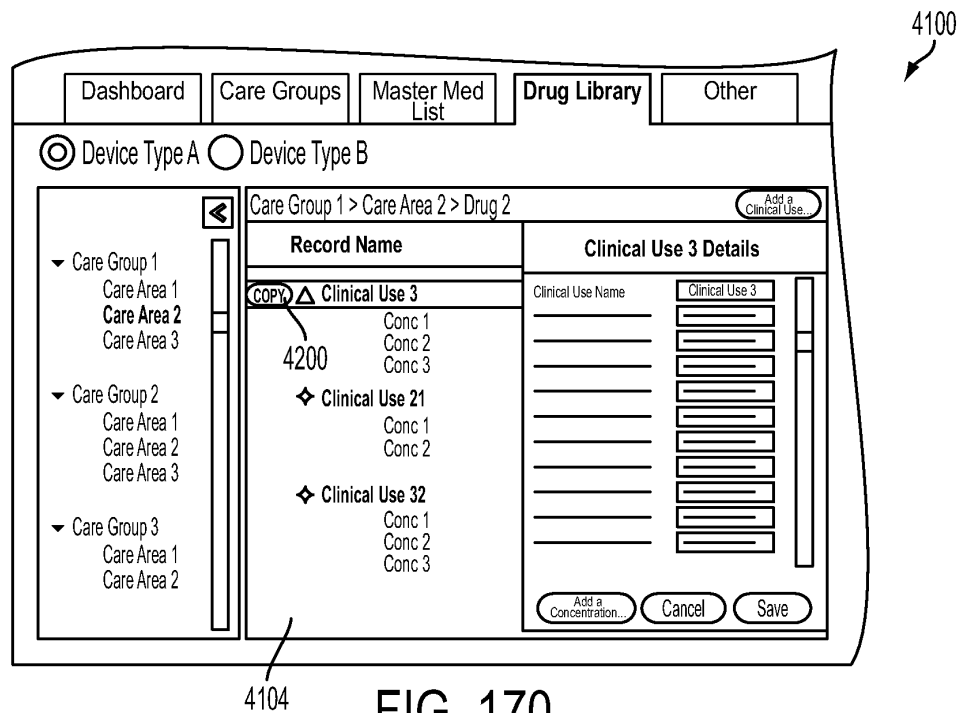


FIG. 170

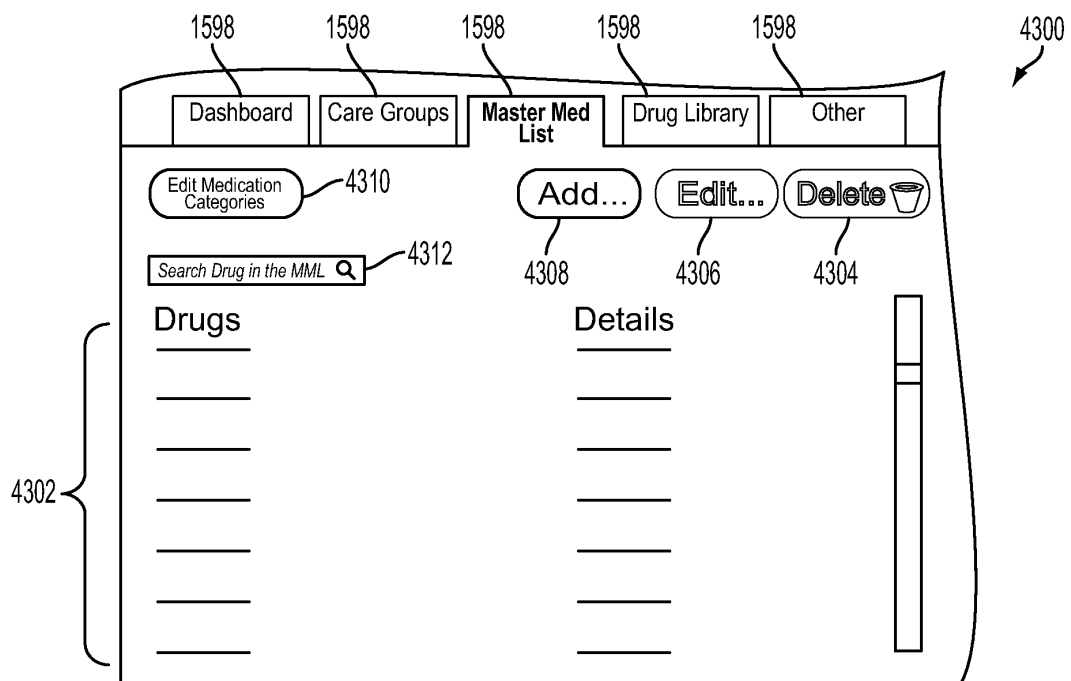


FIG. 171

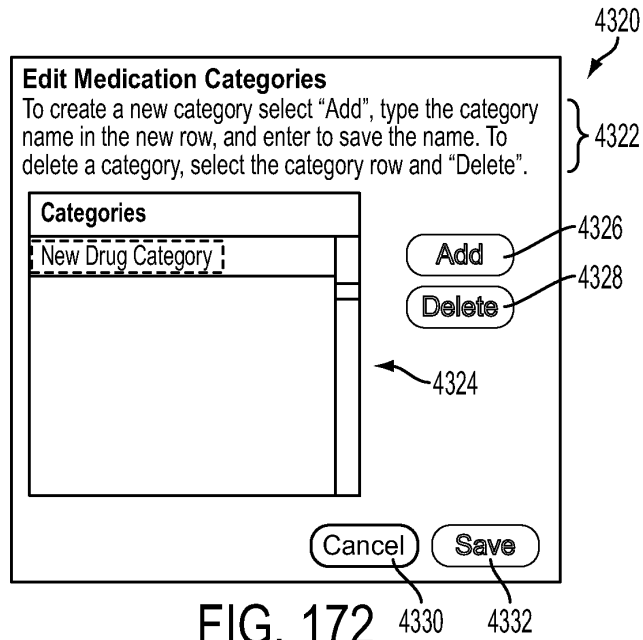


FIG. 172

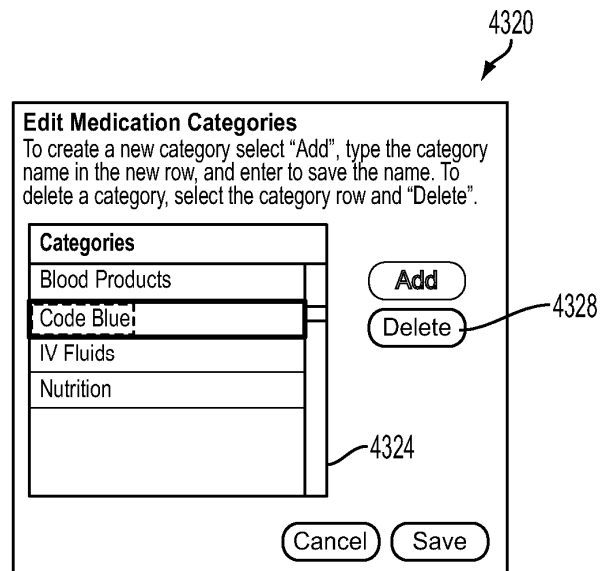


FIG. 173

4320

Edit Medication Categories
To create a new category select "Add", type the category name in the new row, and enter to save the name. To delete a category, select the category row and "Delete".

Categories	
Blood Products	
Heart Attack Meds	
IV Fluids	
Nutrition	

4324

Add
Delete

Cancel Save

4330 4332

FIG. 174

4320

Edit Medication Categories
To create a new category select "Add", type the category name in the new row, and enter to save the name. To delete a category, select the category row and "Delete".

Categories	
Blood Products	
IV Fluids	
Nutrition	

4324

Add
Delete

Cancel Save

4330 4332

FIG. 175

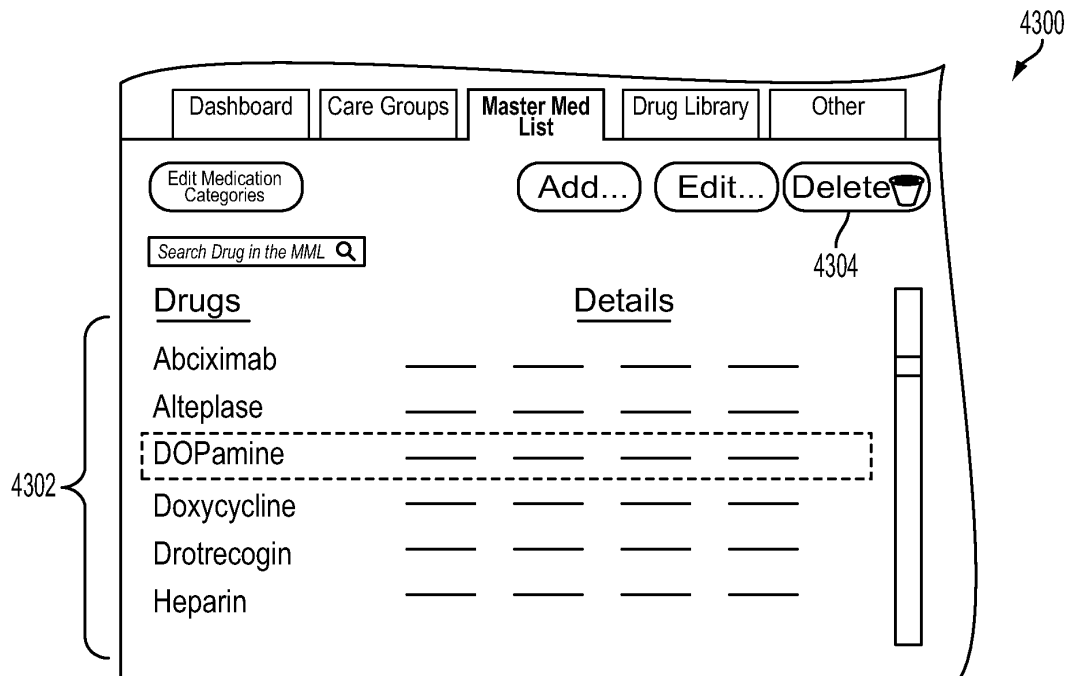


FIG. 176

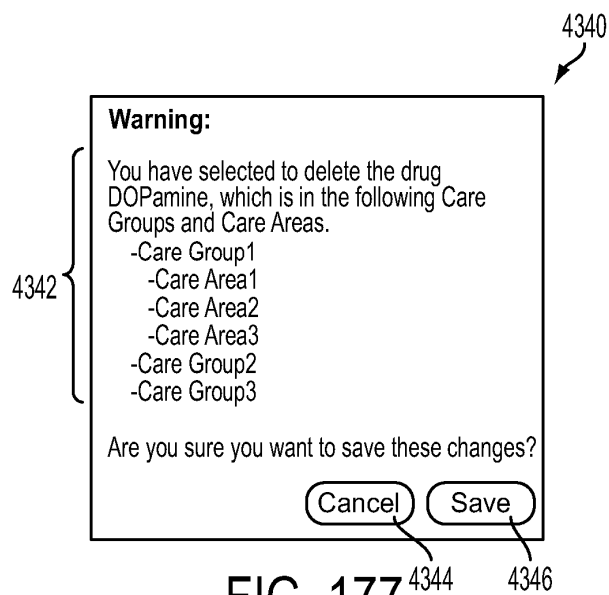


FIG. 177

Dashboard Care Groups Master Med List Drug Library Other

☒ Device Type A ☐ Device Type B

Care Group 2 > Drug 2 Add a Clinical Use...

Record Name	Clinical Use 3 Details
Clinical Use 1 Conc 1 Conc 2 Conc 3	Clinical Use Name: Clinical Use 3
Clinical Use 2 Conc 1 Conc 2	
Clinical Use 3 Conc 1 Conc 2 Conc 3	

Add a Concentration... Cancel Save Update Care Area...

4100

4104

FIG. 178

Select which Care Areas within the Care Group to delete Drug 2, Clinical Use 3. Note: Deleting a Clinical Use also deletes all child Concentrations within that Clinical Use.

Changes summary:
Drug 2, Clinical Use 3 and child concentrations deleted.

Care Area 1 ☐ Keep Record ☒ Delete Record

Care Area 2 (Record has already been removed)

Care Area 3 ☐ Keep Record ☒ Delete Record

Cancel Delete

4350

4352

4354

4356

4358

4360

FIG. 179

Warning:

You have selected to delete Drug 2, Clinical Use 3 from Care Area 1. Note: Deleting a Clinical Use also deletes all child Concentrations within that Clinical Use.

Are you sure you want to delete this record?

Cancel Save & Delete

4350

4354

4358

4360

FIG. 180

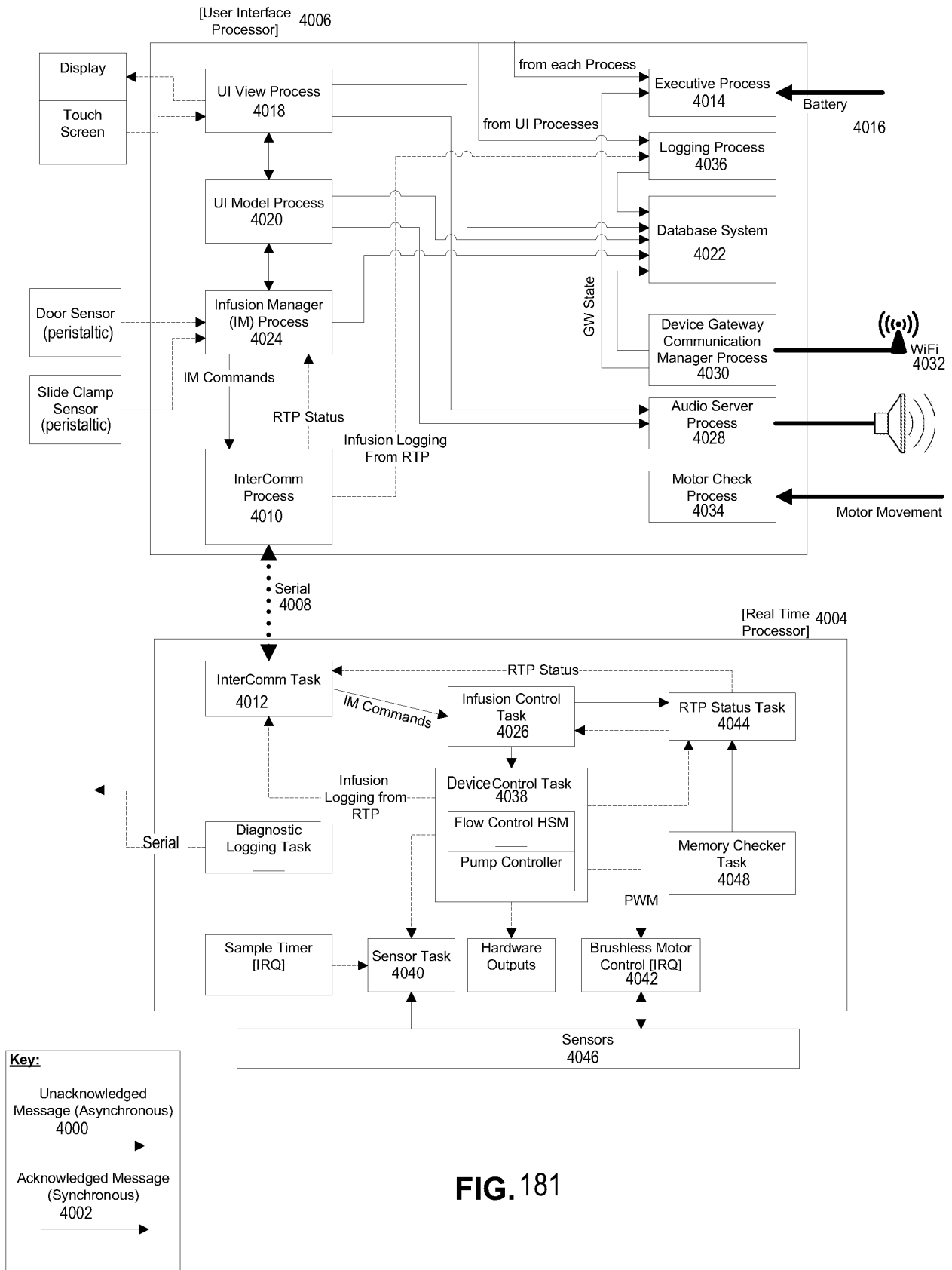


FIG. 181

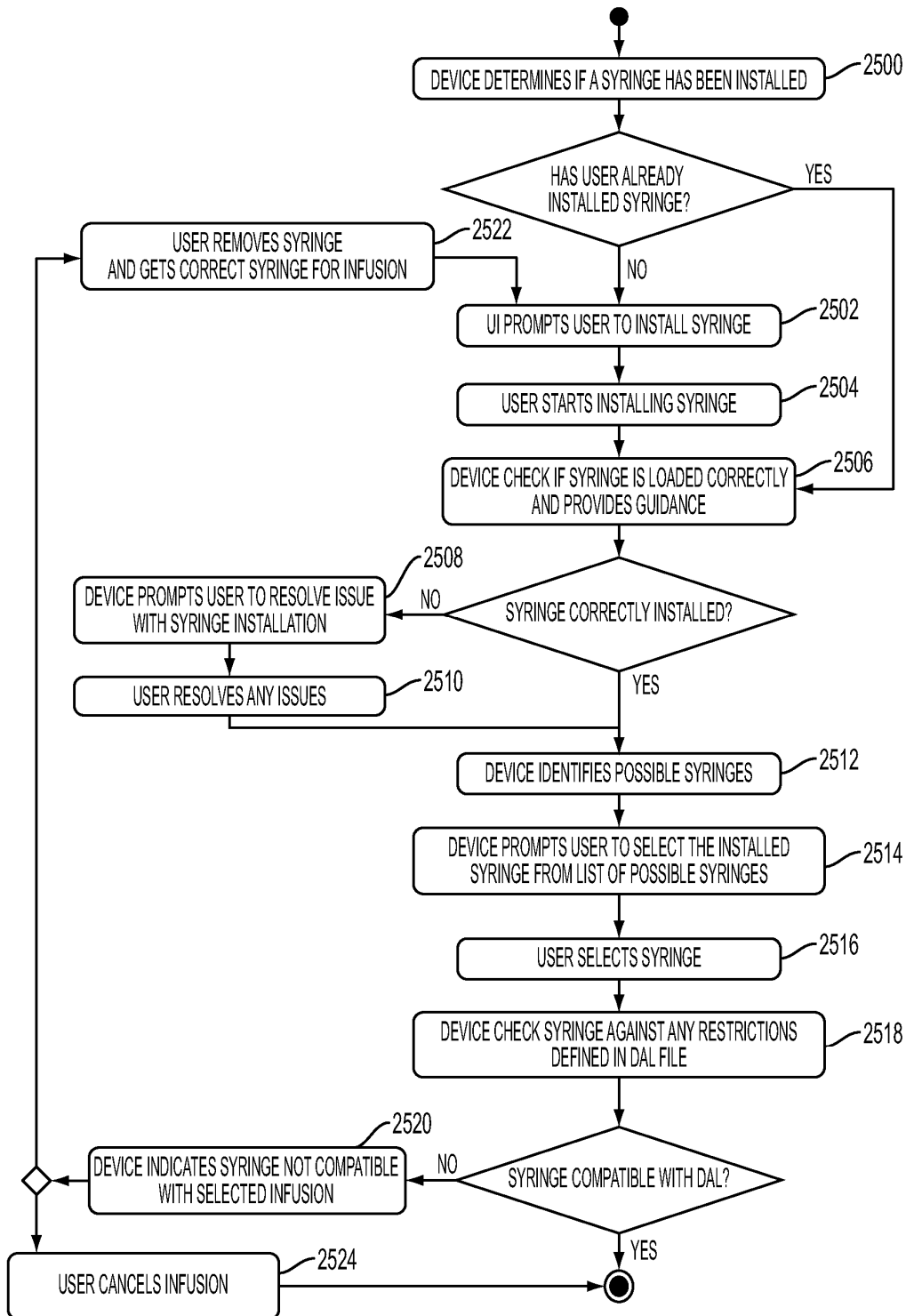


FIG. 182

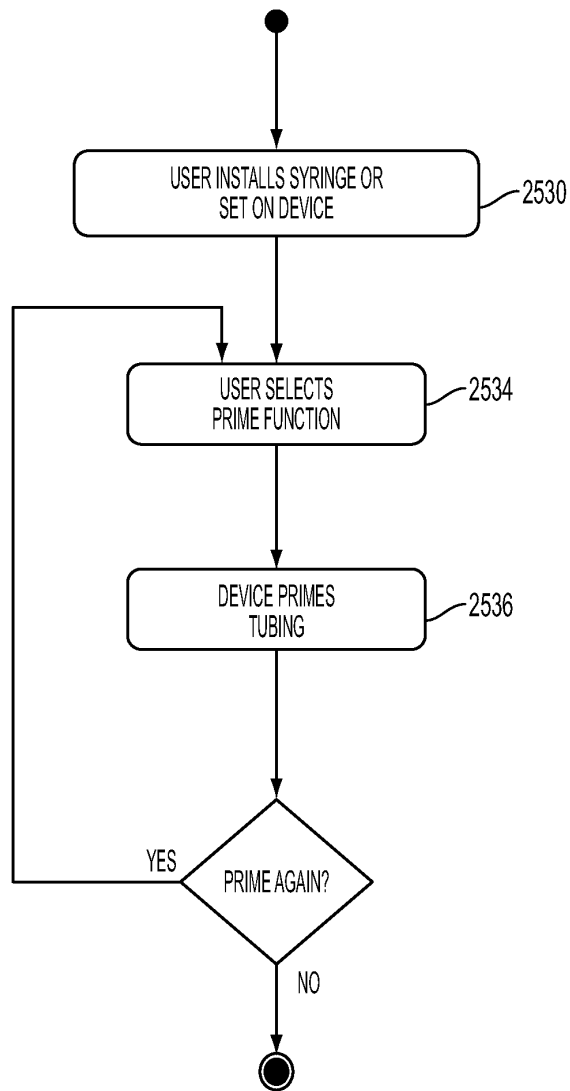


FIG. 183

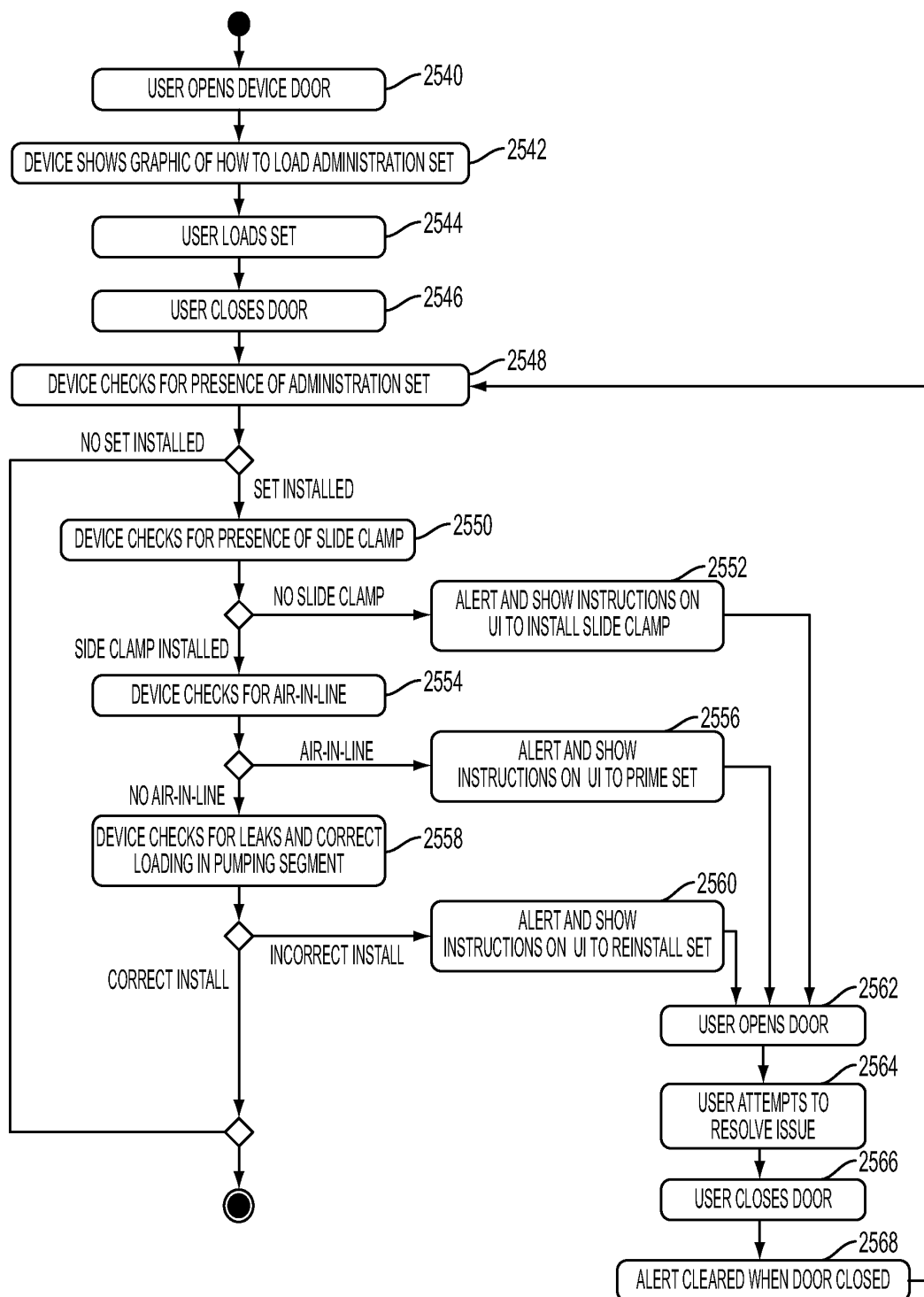


FIG. 184

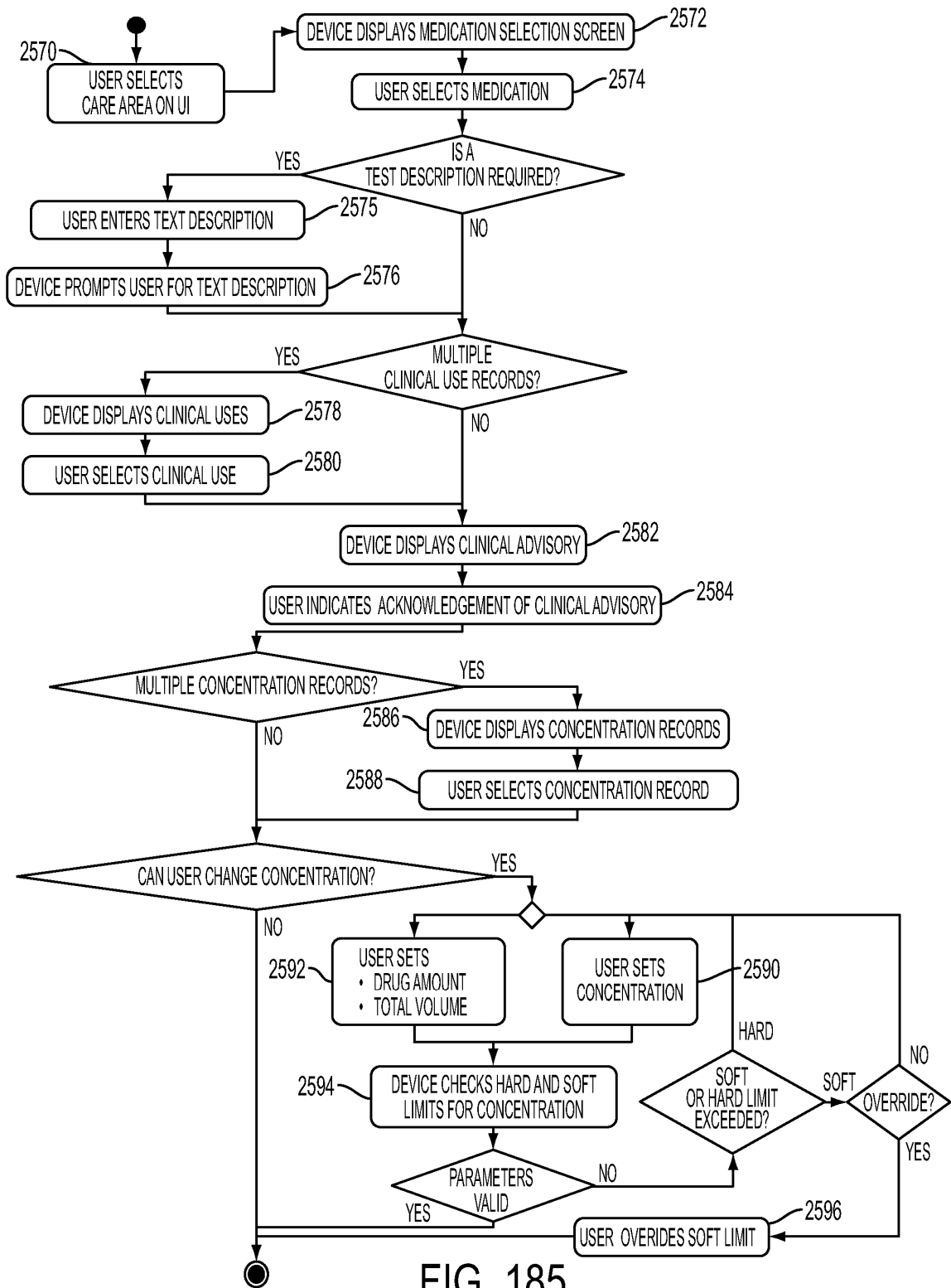


FIG. 185

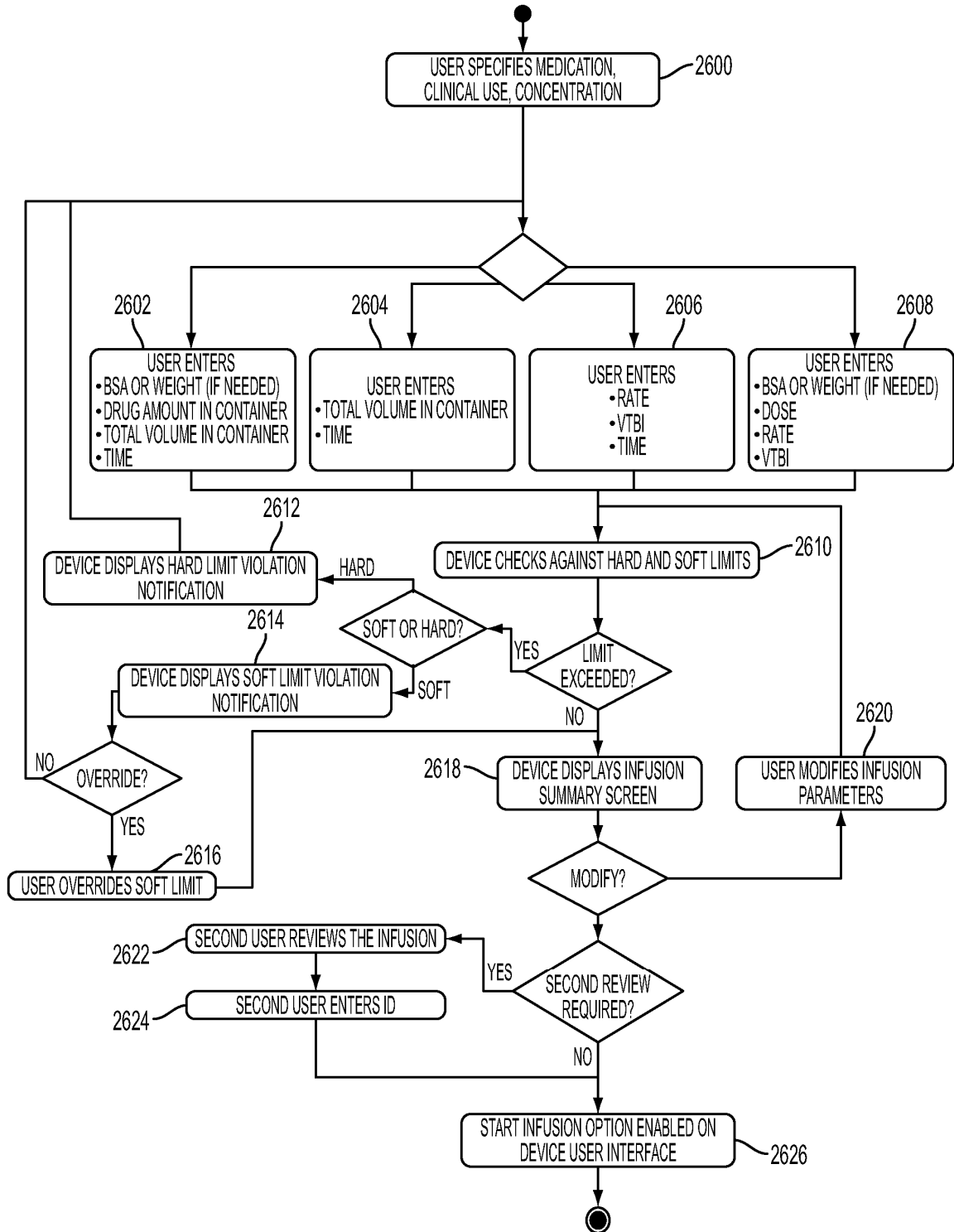


FIG. 186

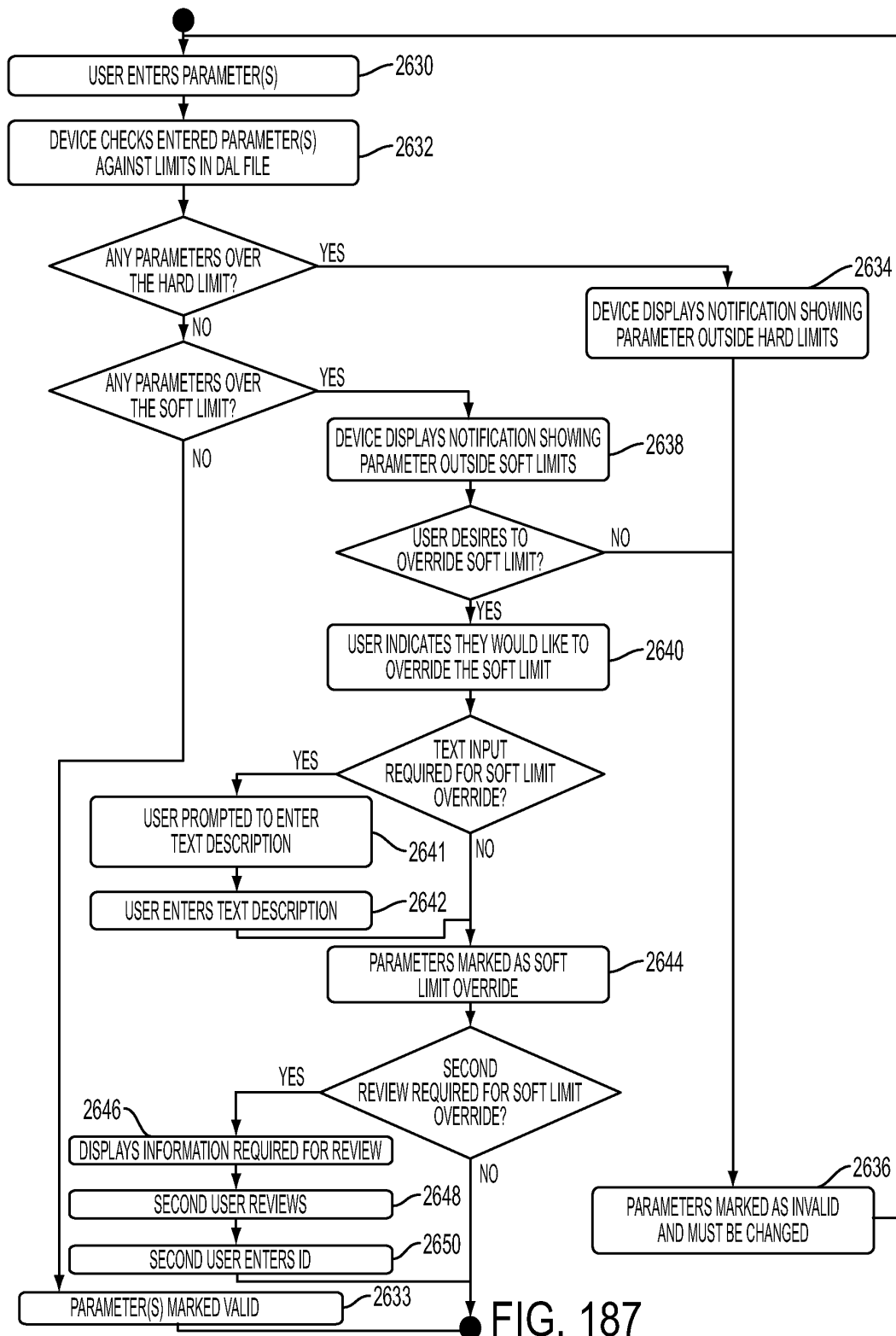


FIG. 187

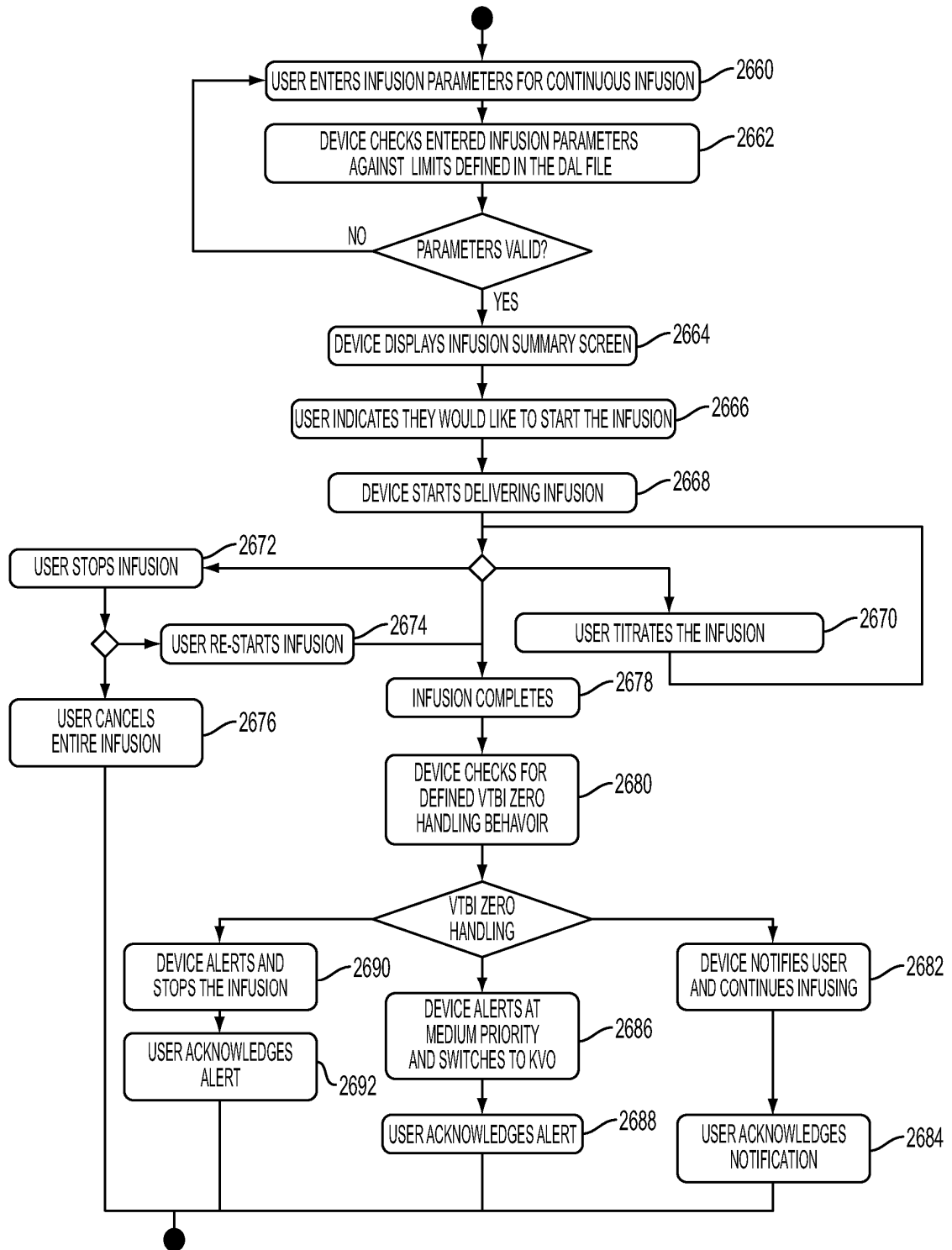


FIG. 188

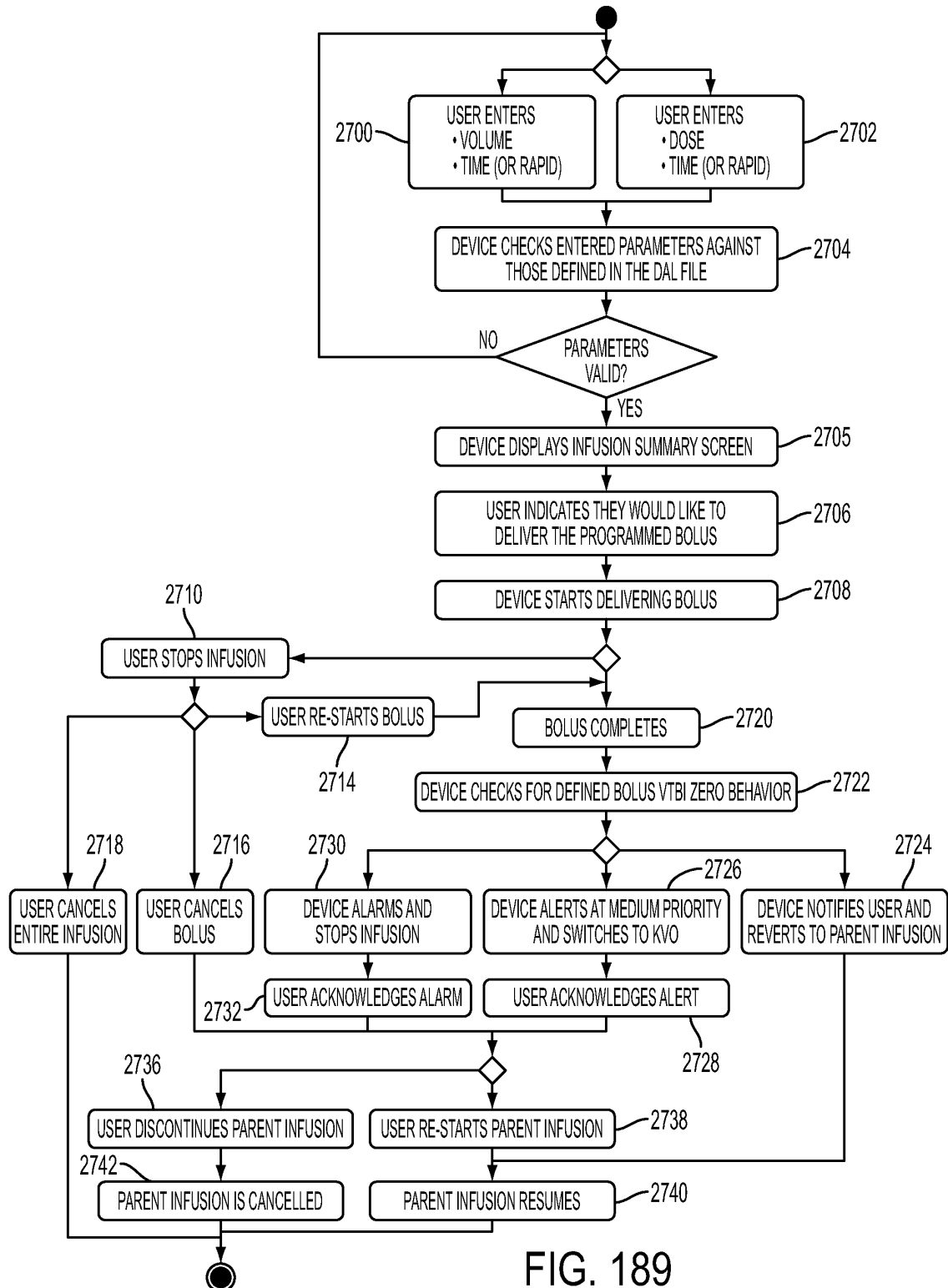


FIG. 189

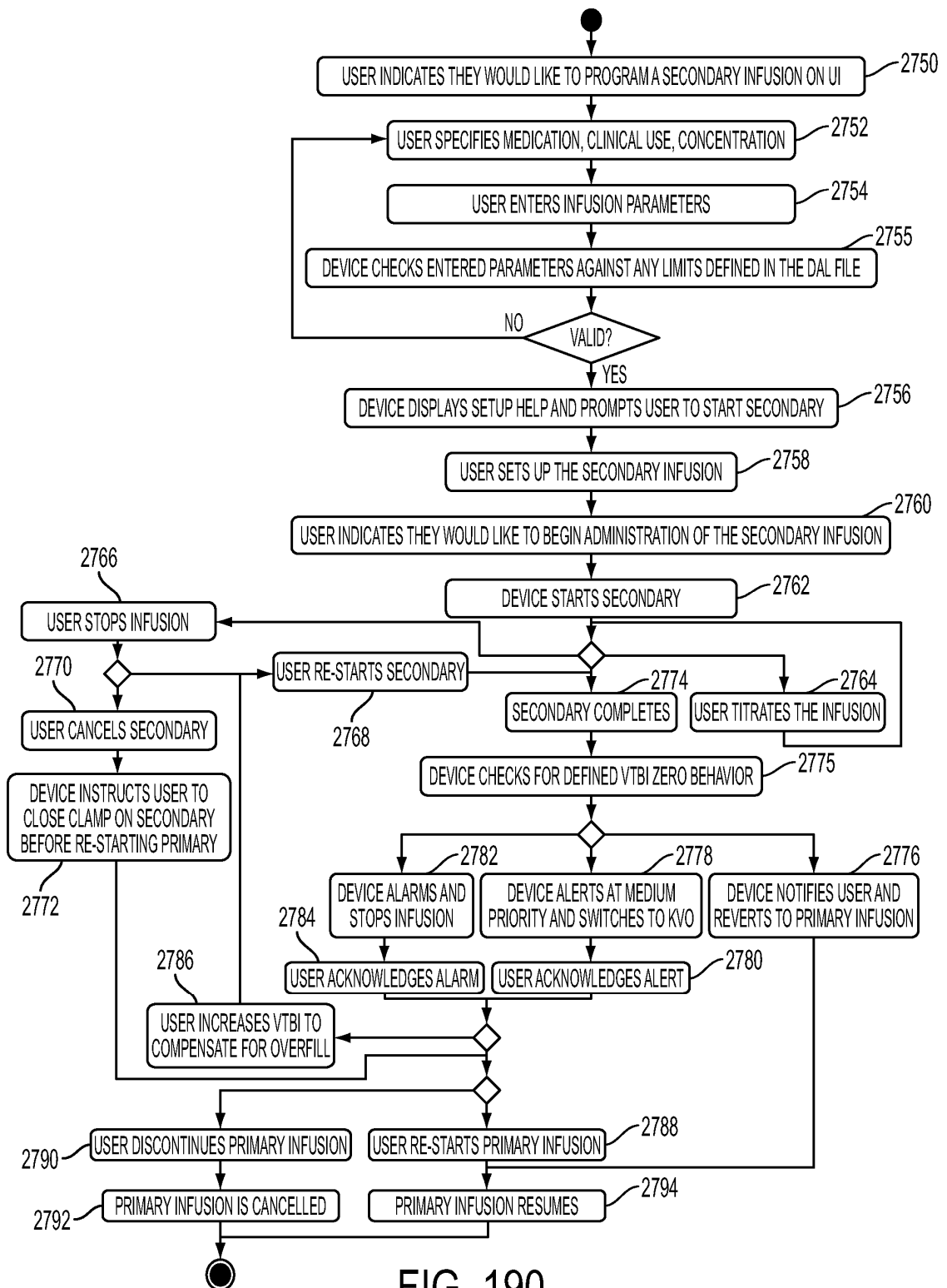
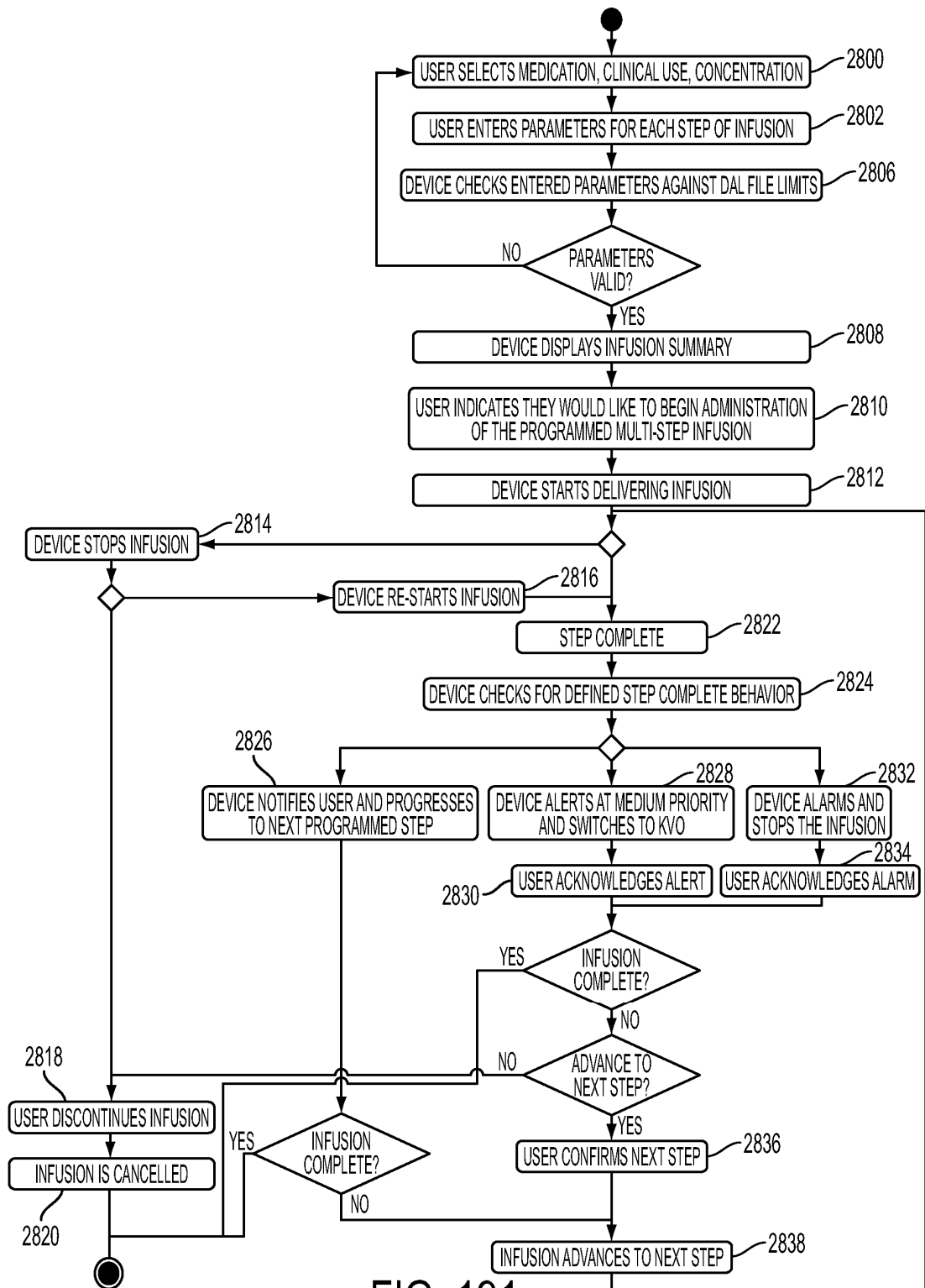


FIG. 190



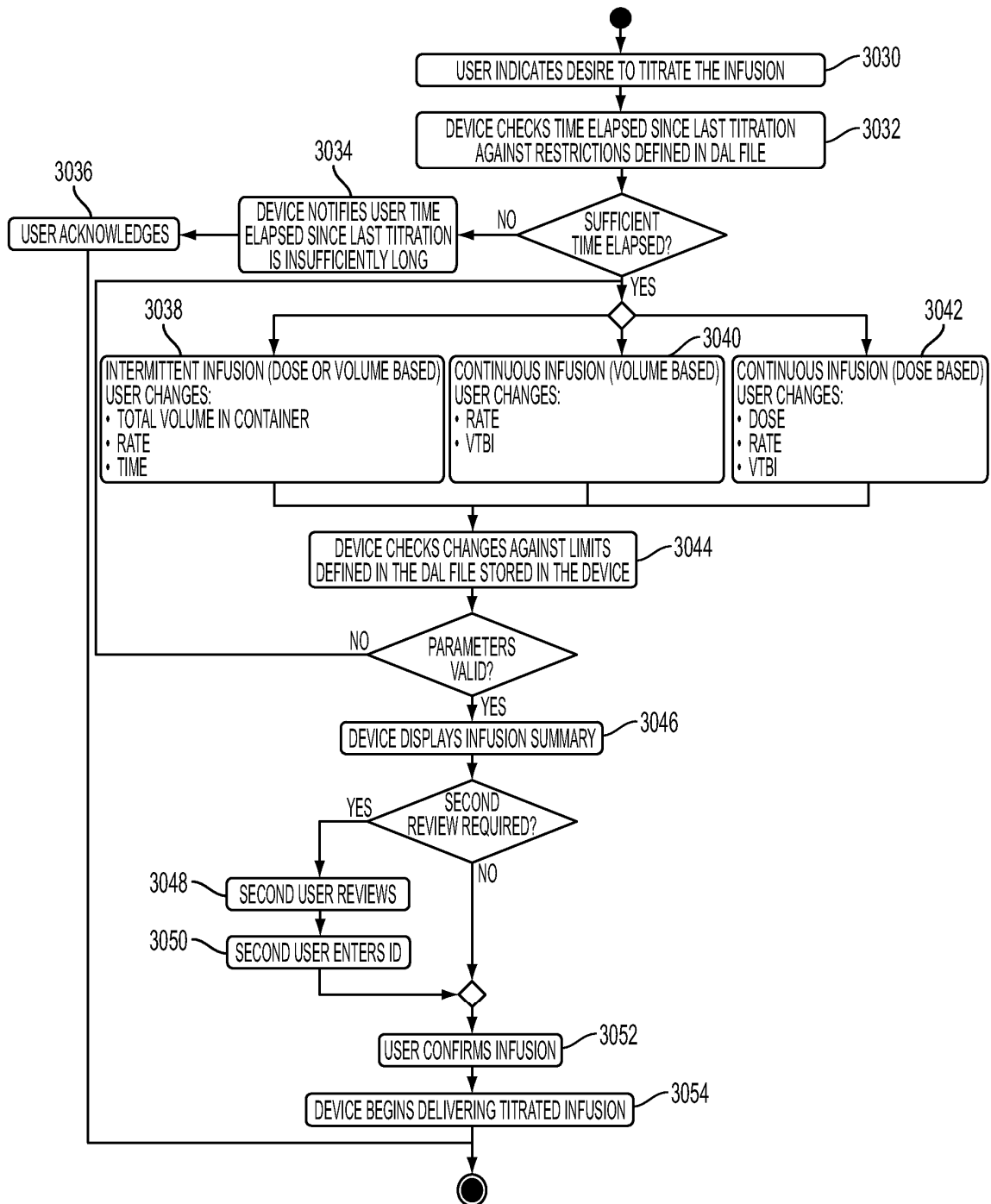


FIG. 192

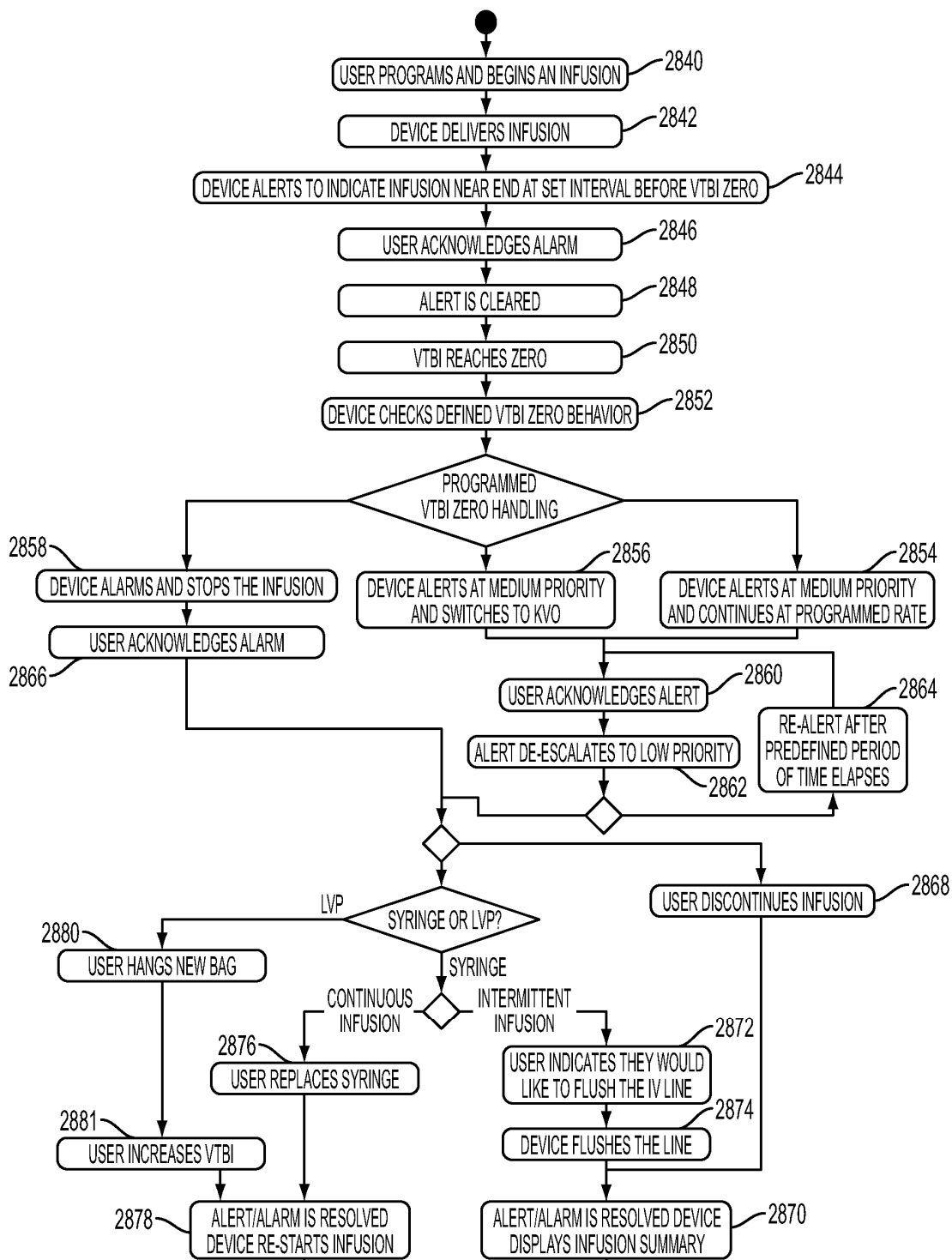


FIG. 193

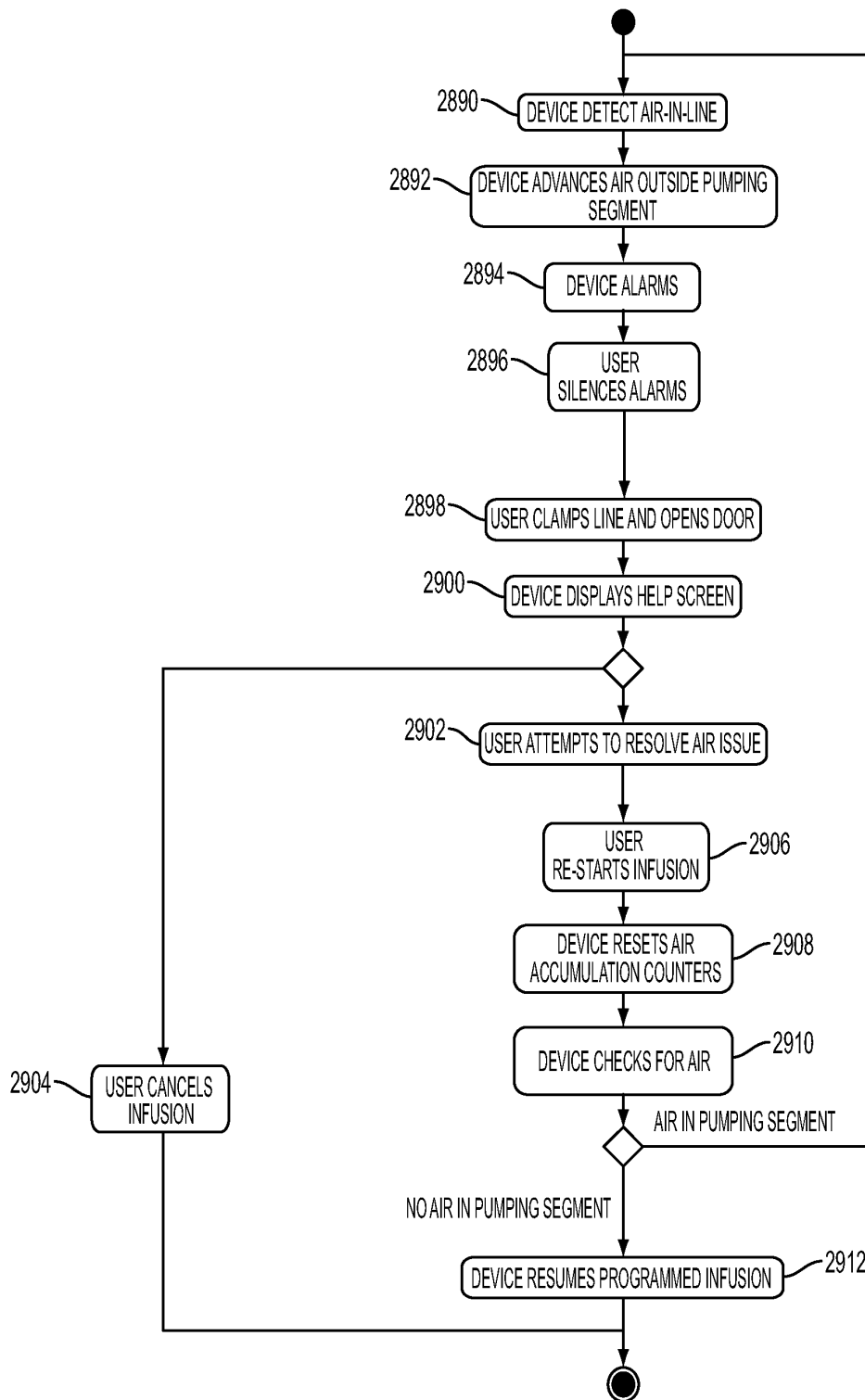


FIG. 194

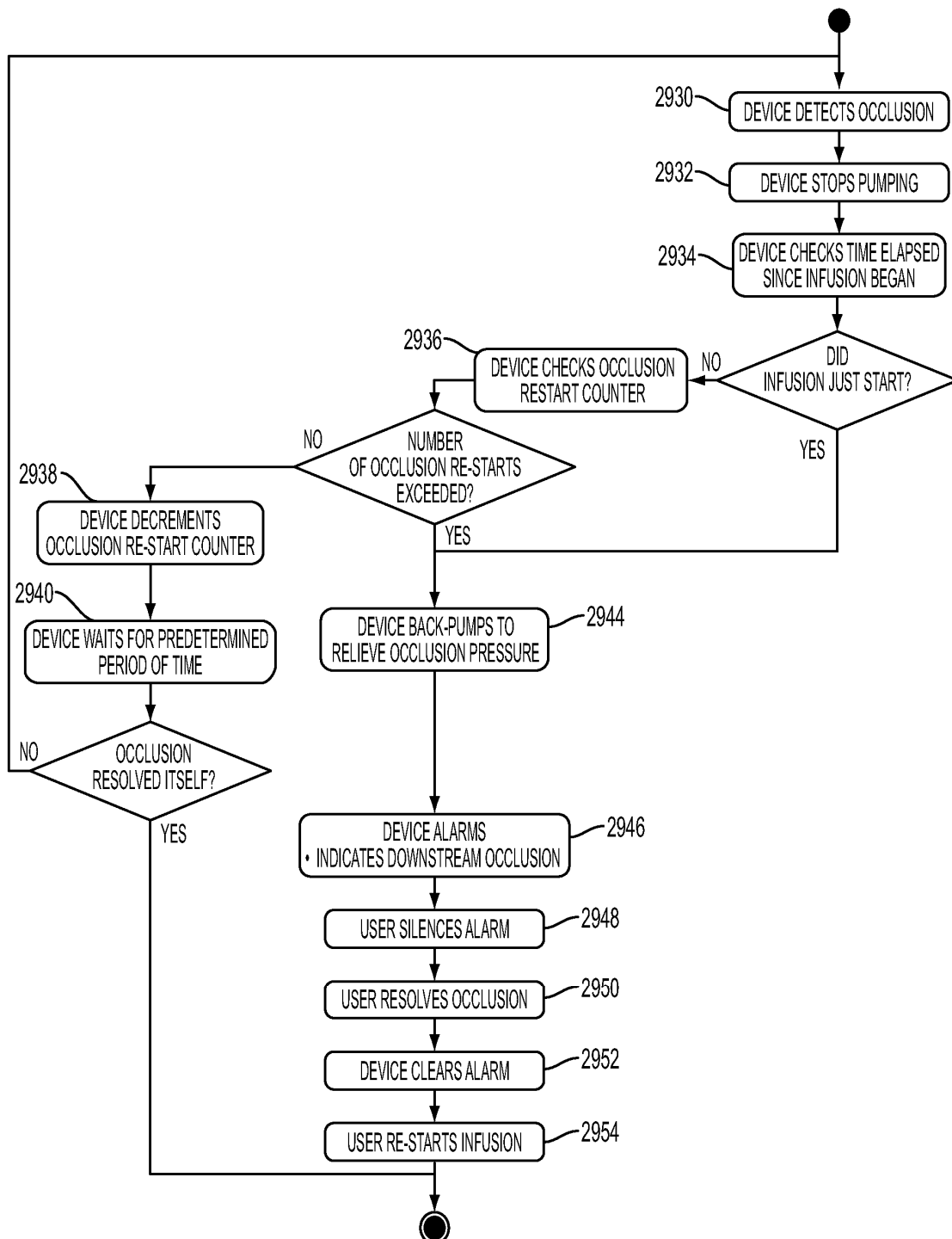


FIG. 195

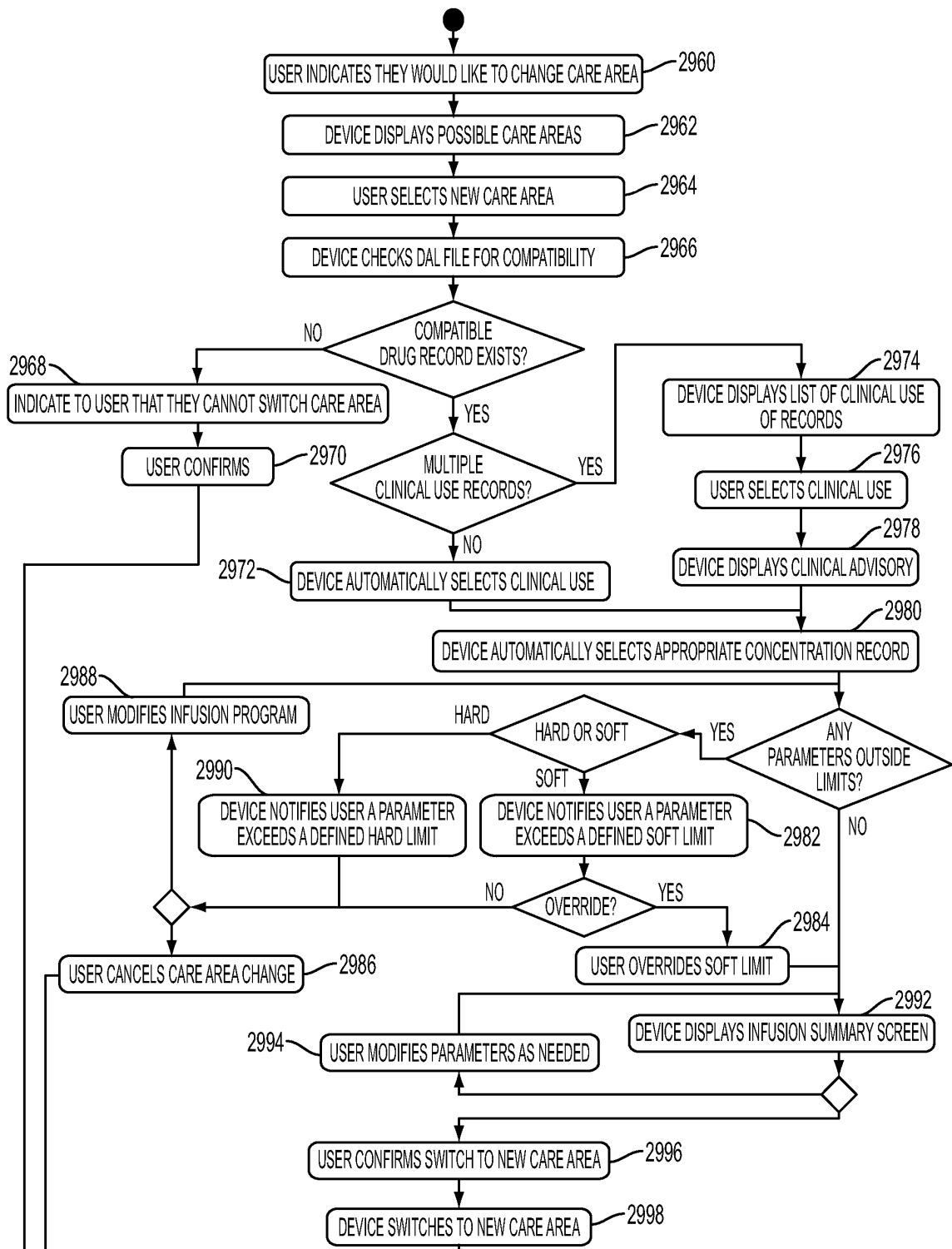


FIG. 196

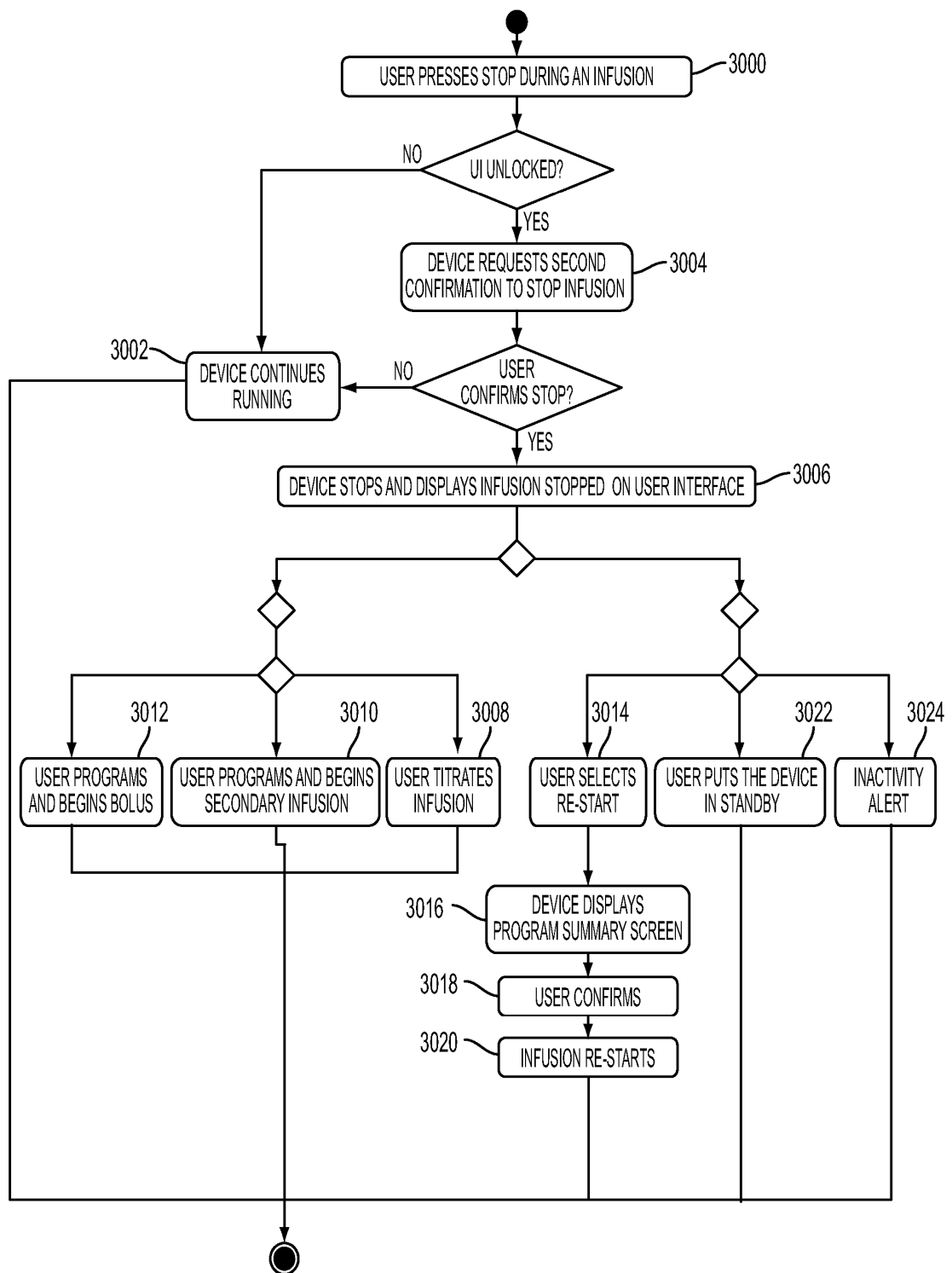
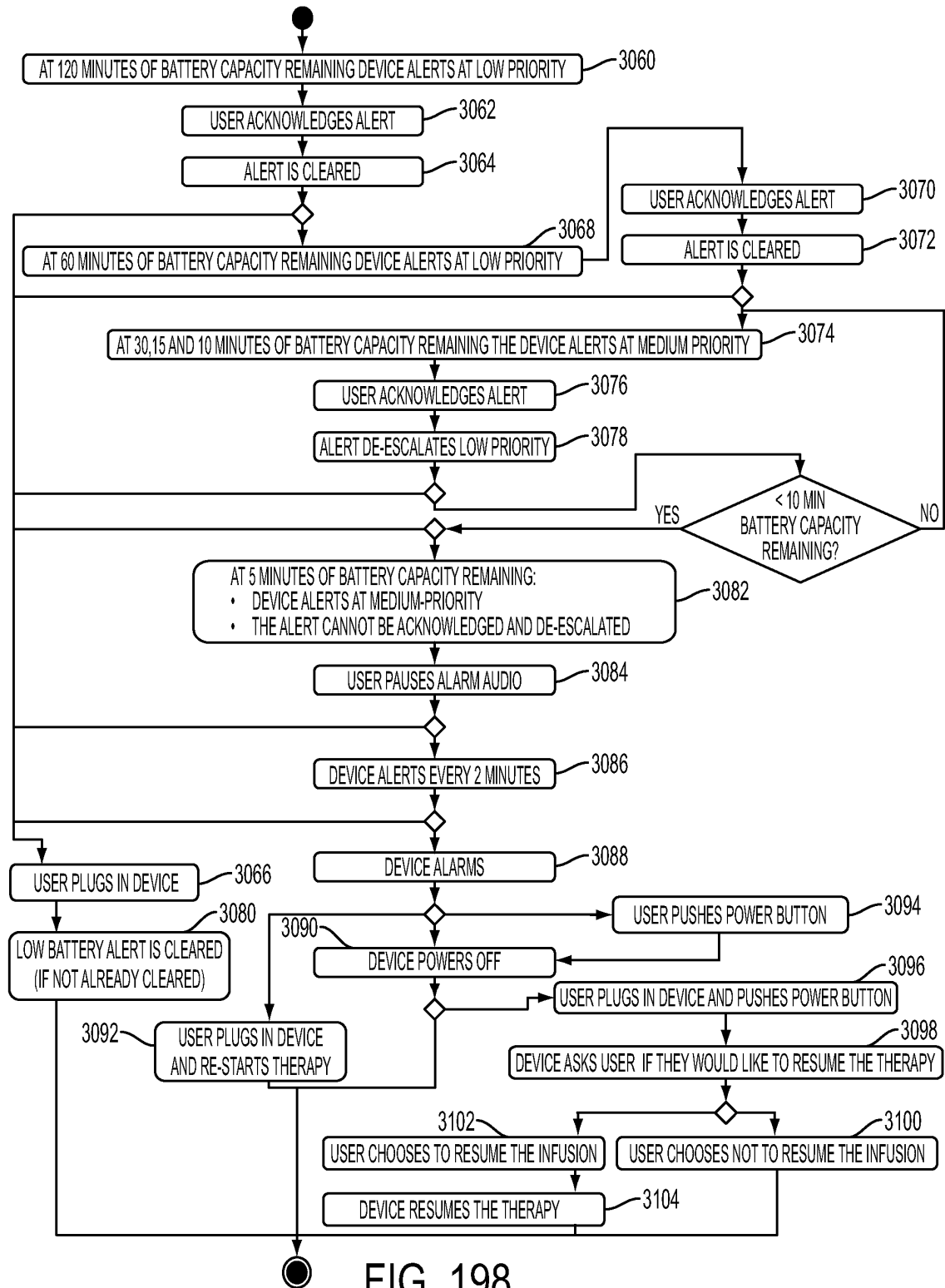


FIG. 197



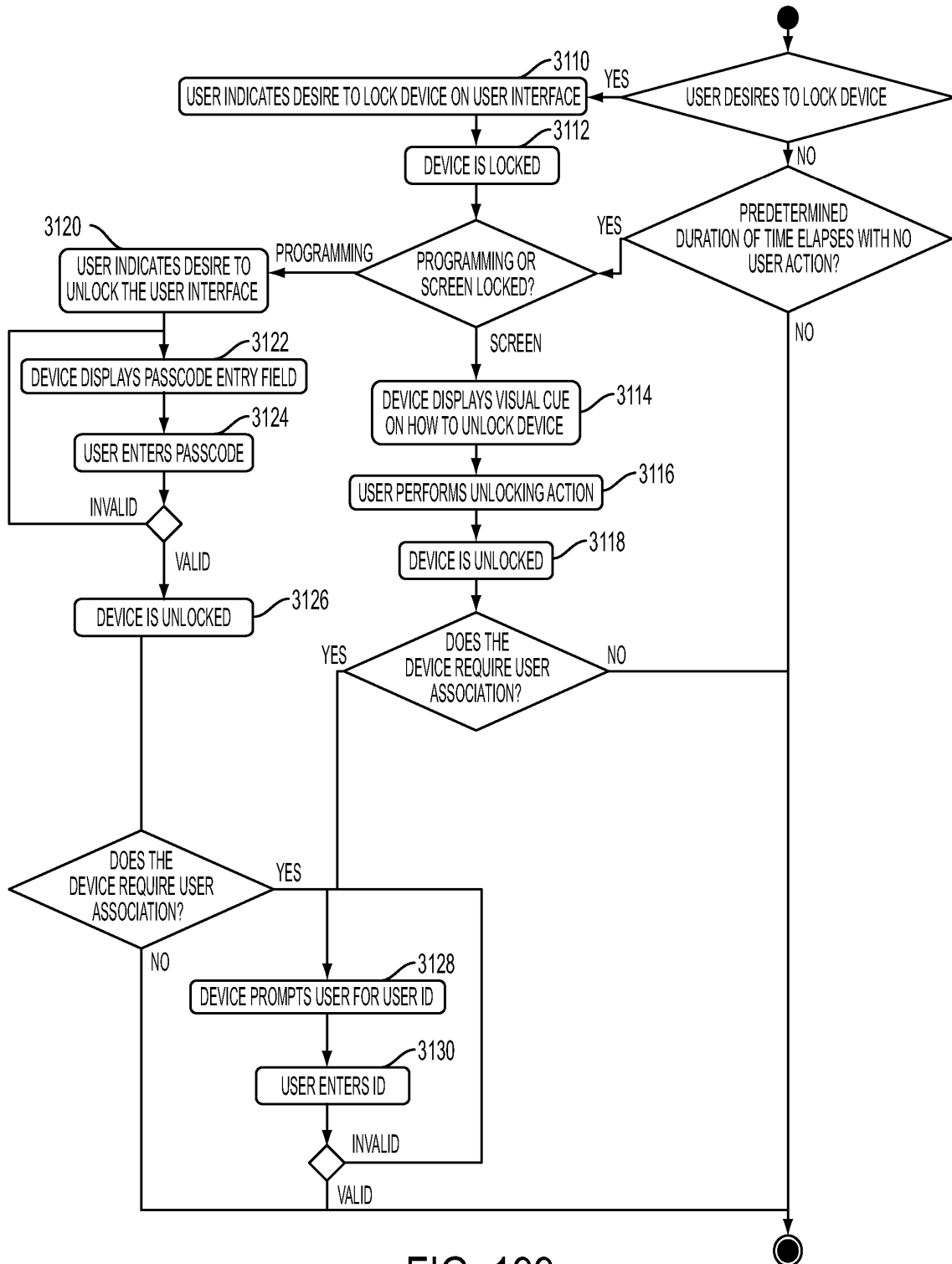


FIG. 199

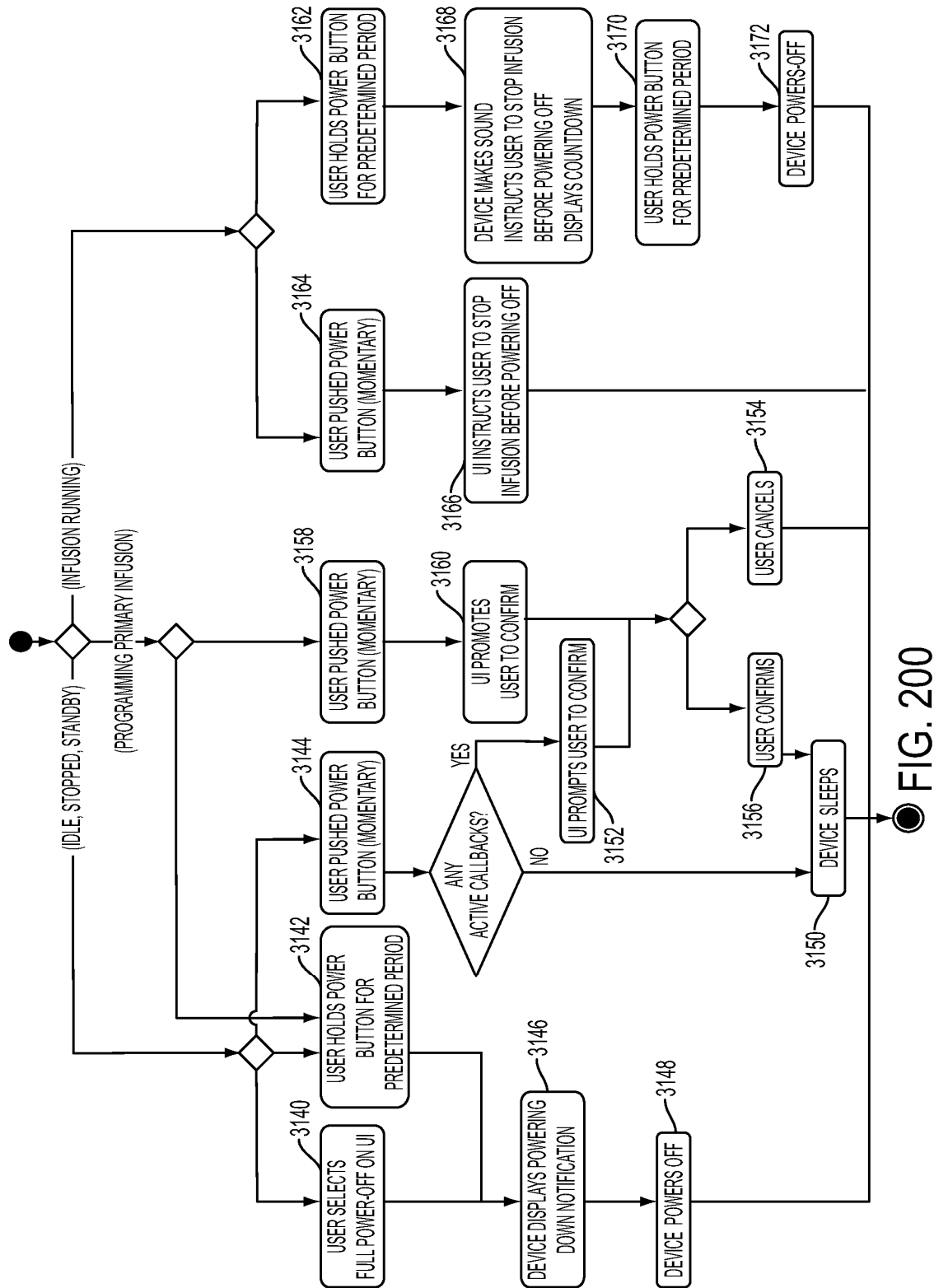


FIG. 200

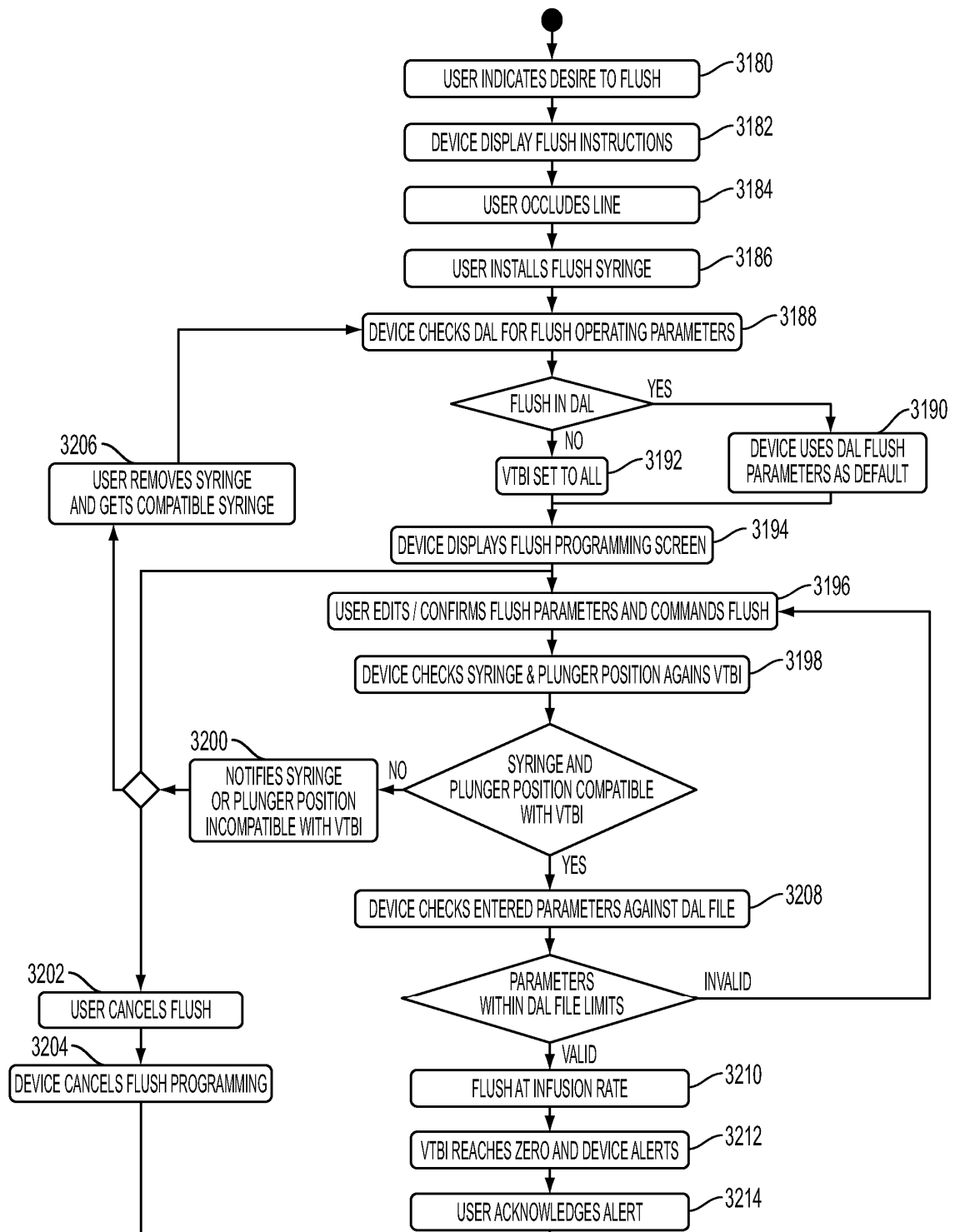


FIG. 201

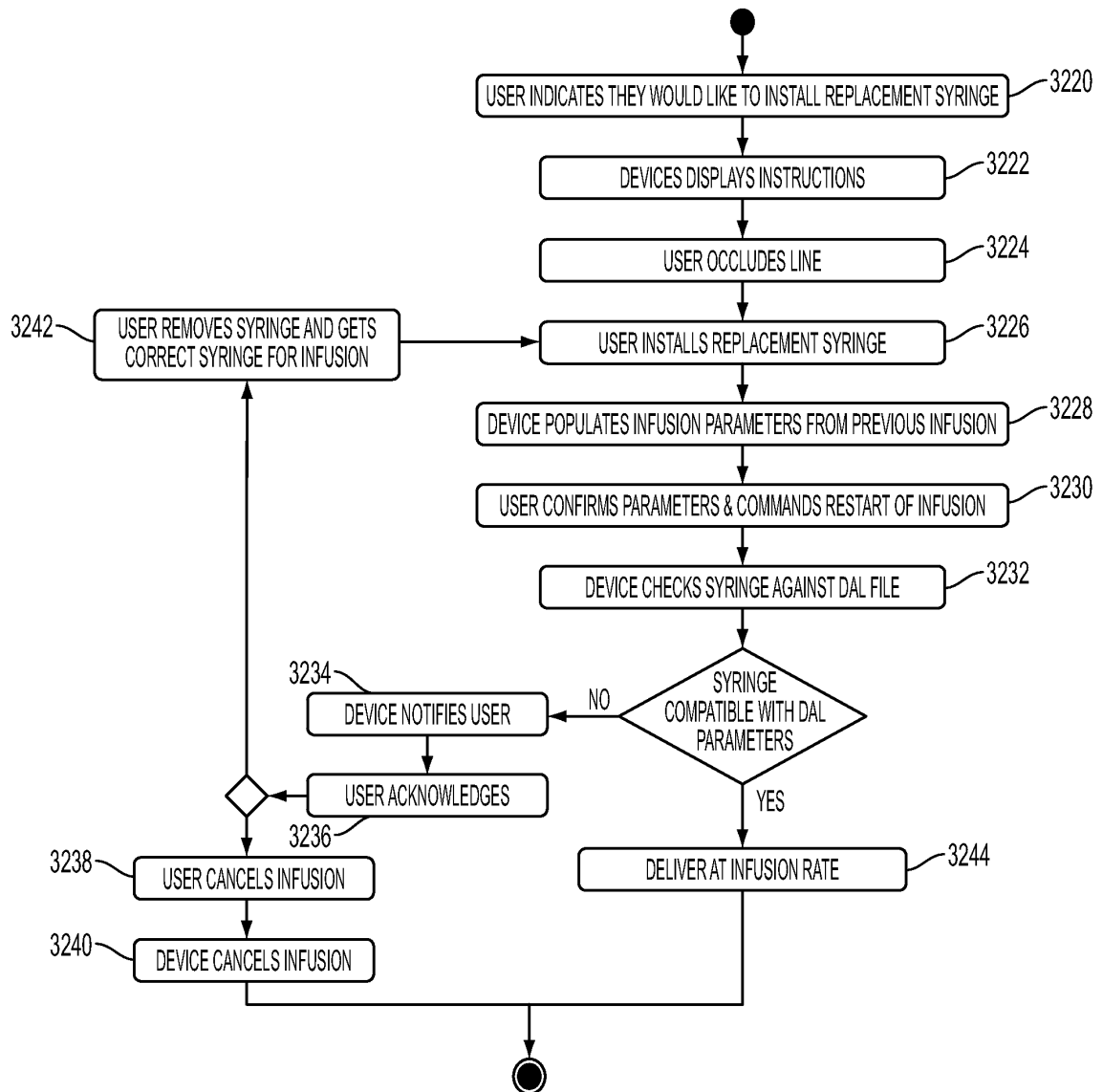
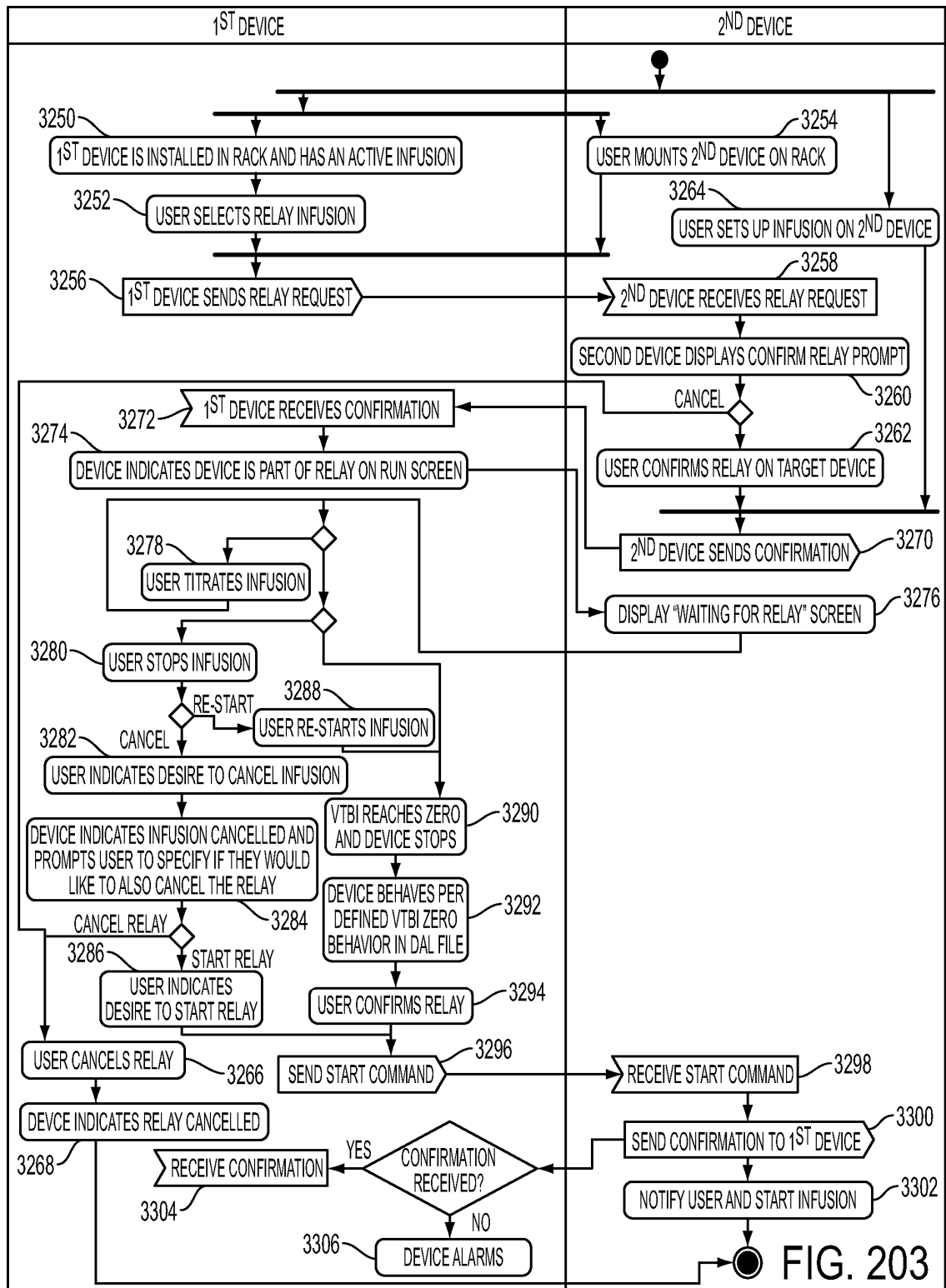


FIG. 202



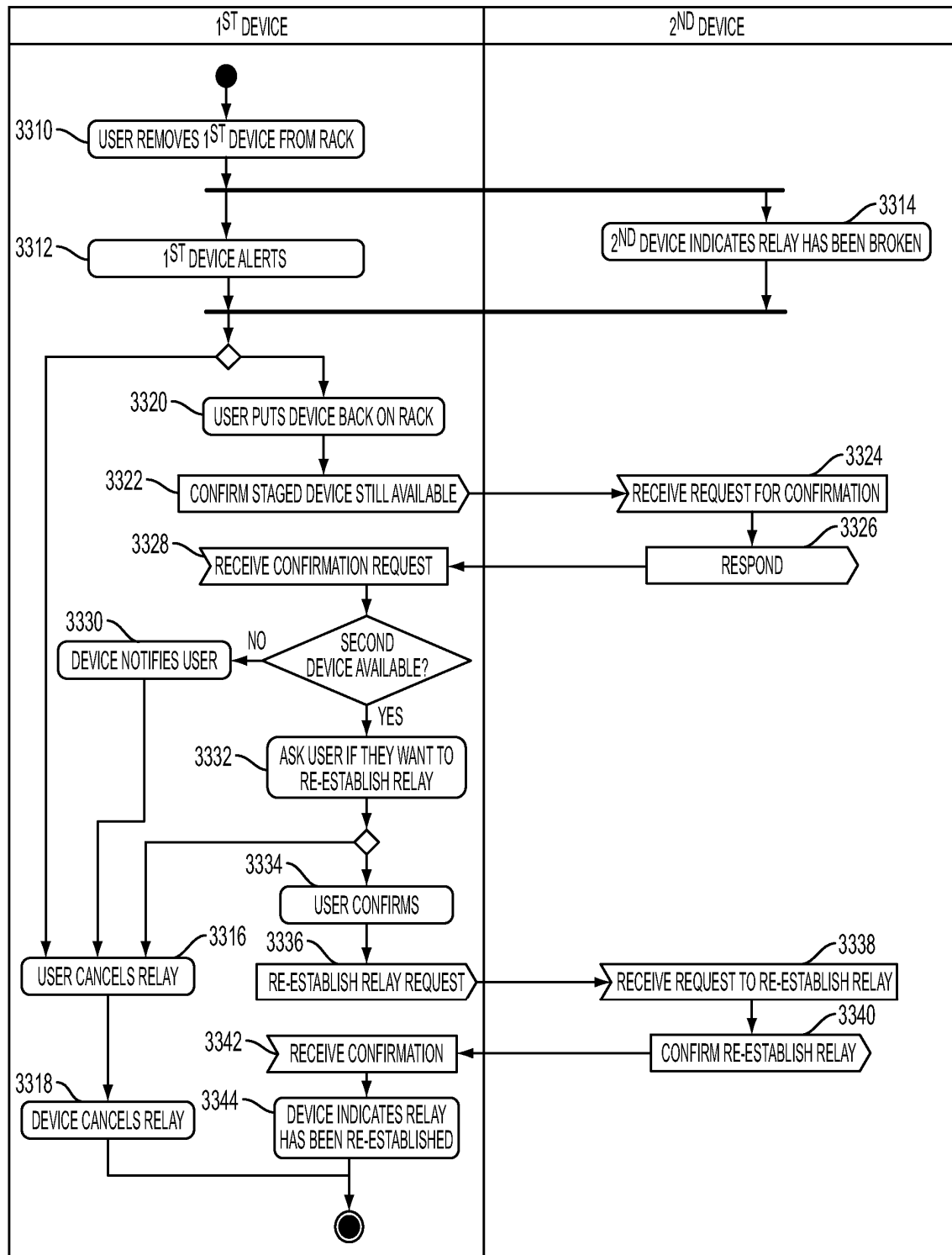


FIG. 204

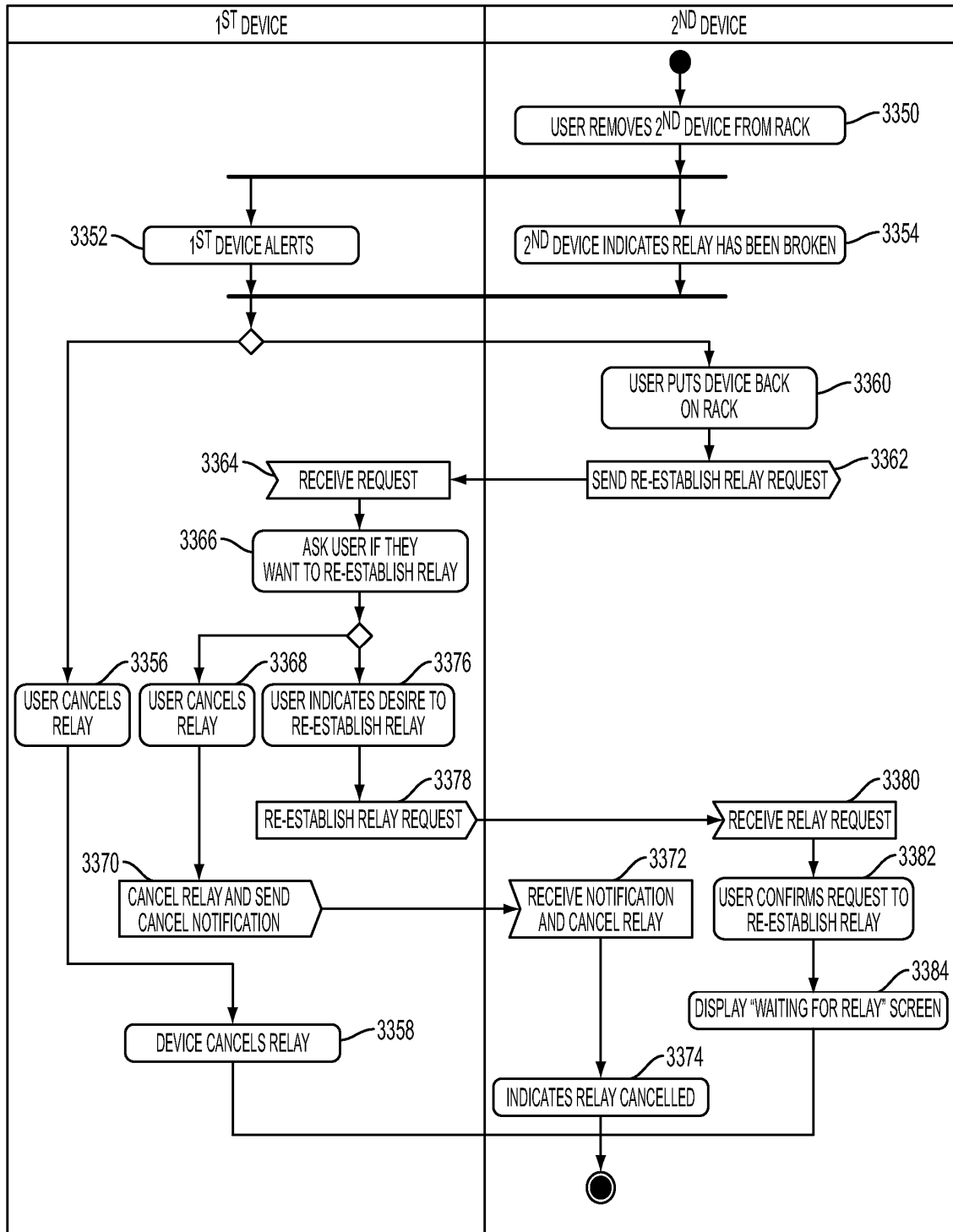


FIG. 205

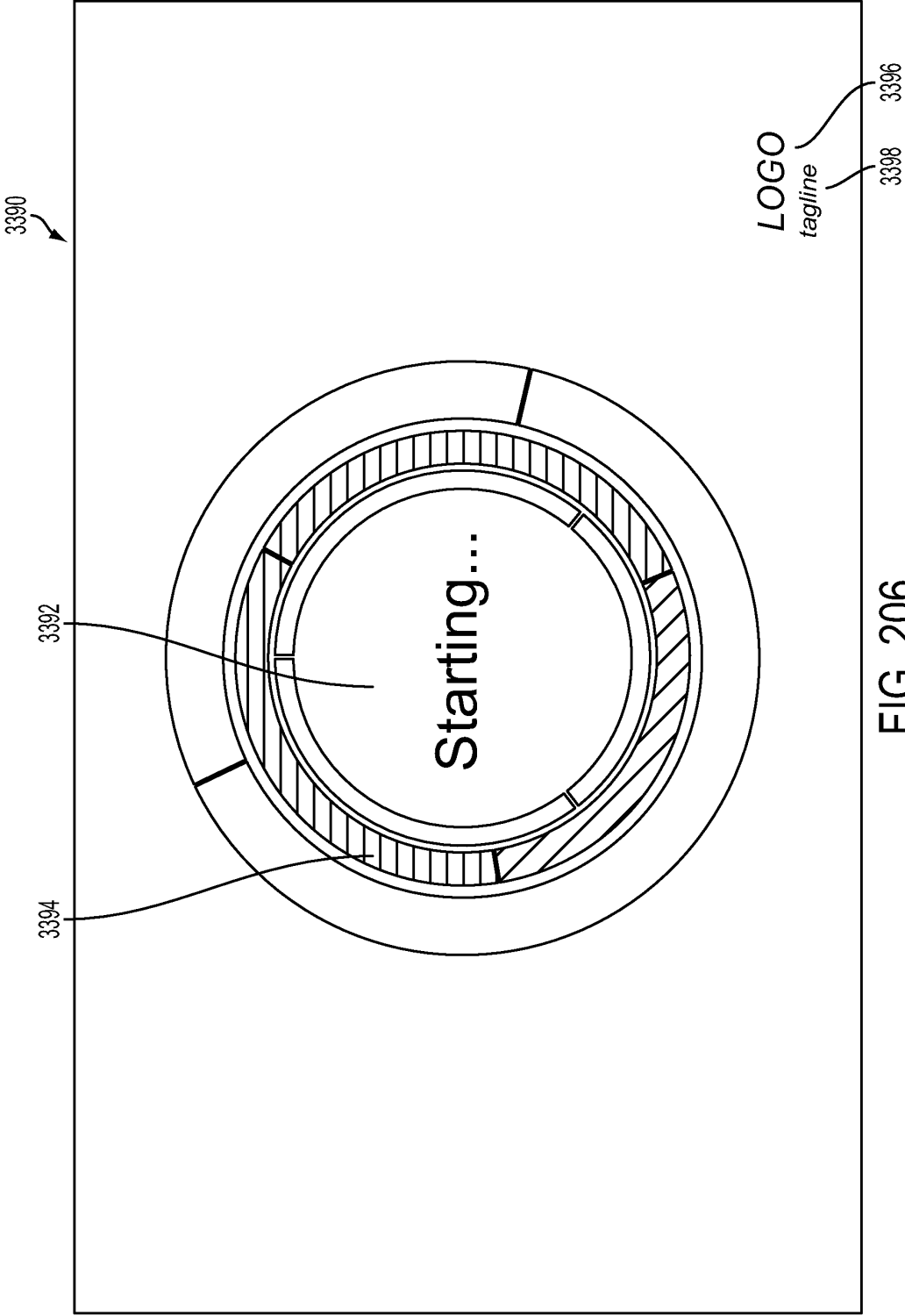


FIG. 206

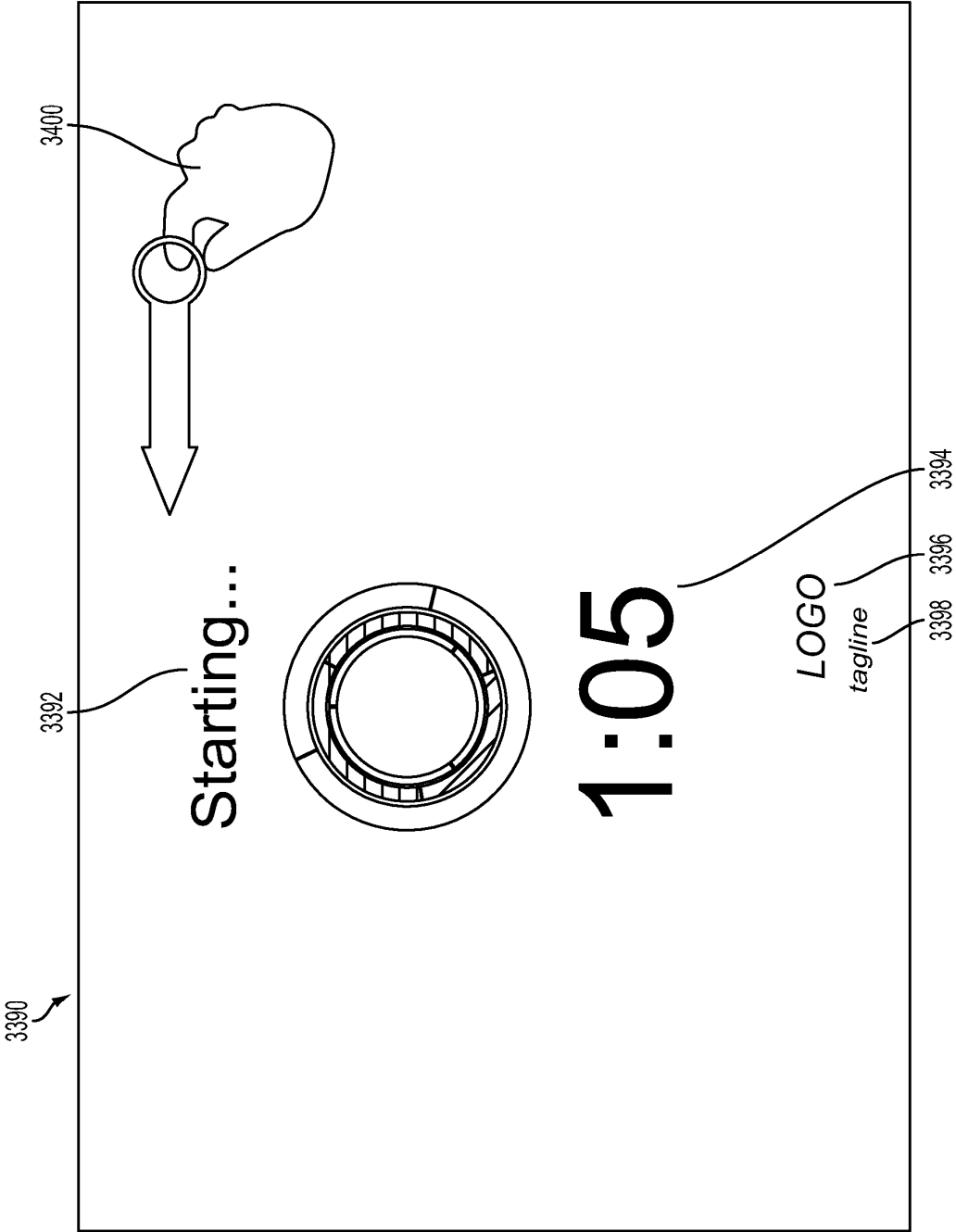


FIG. 207

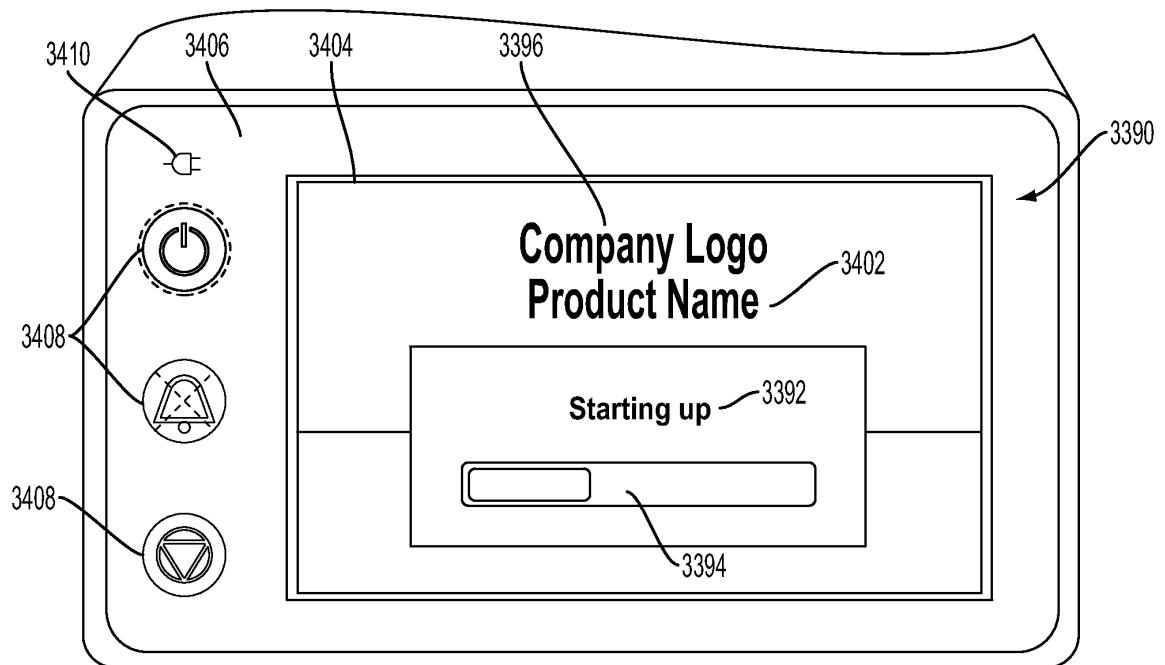


FIG. 208

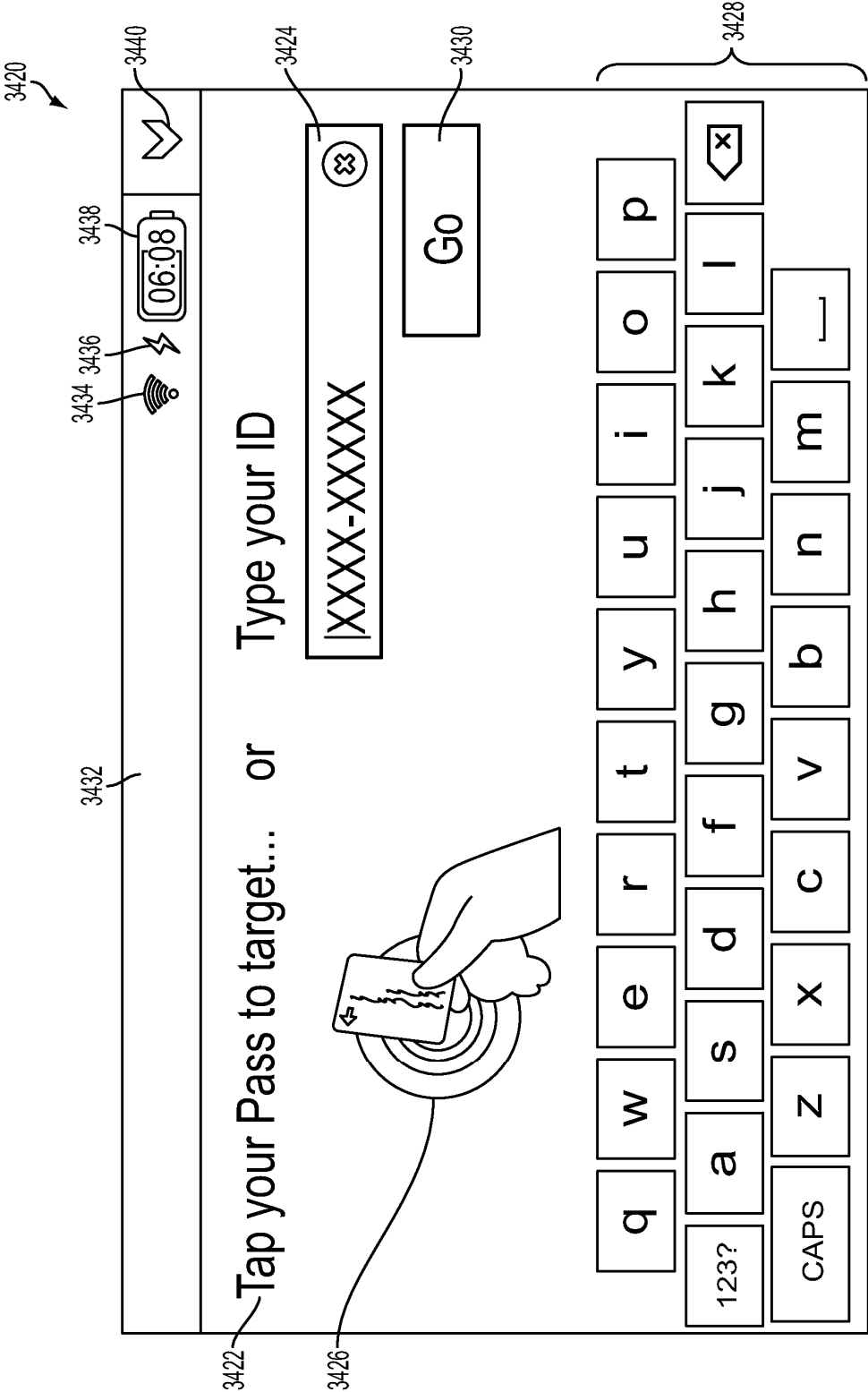


FIG. 209

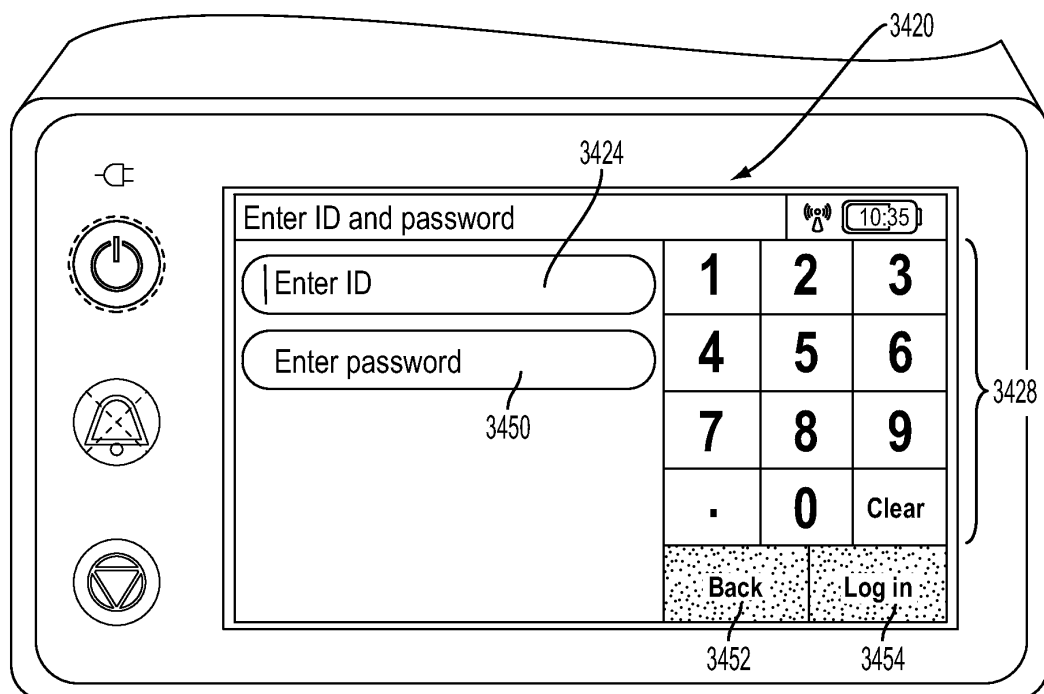


FIG. 210

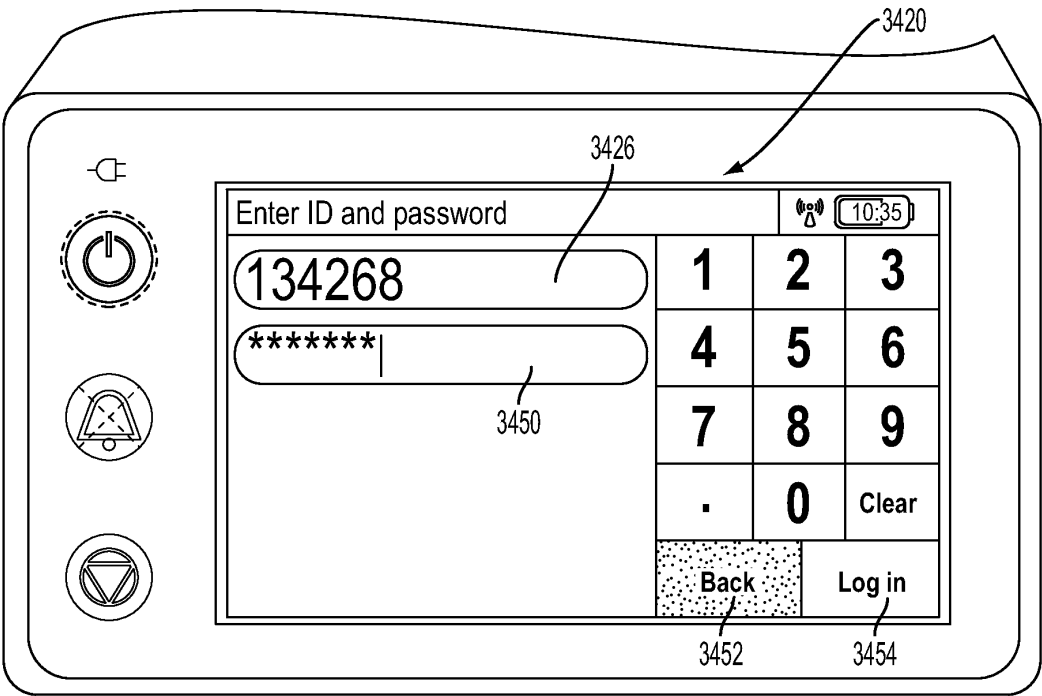


FIG. 211

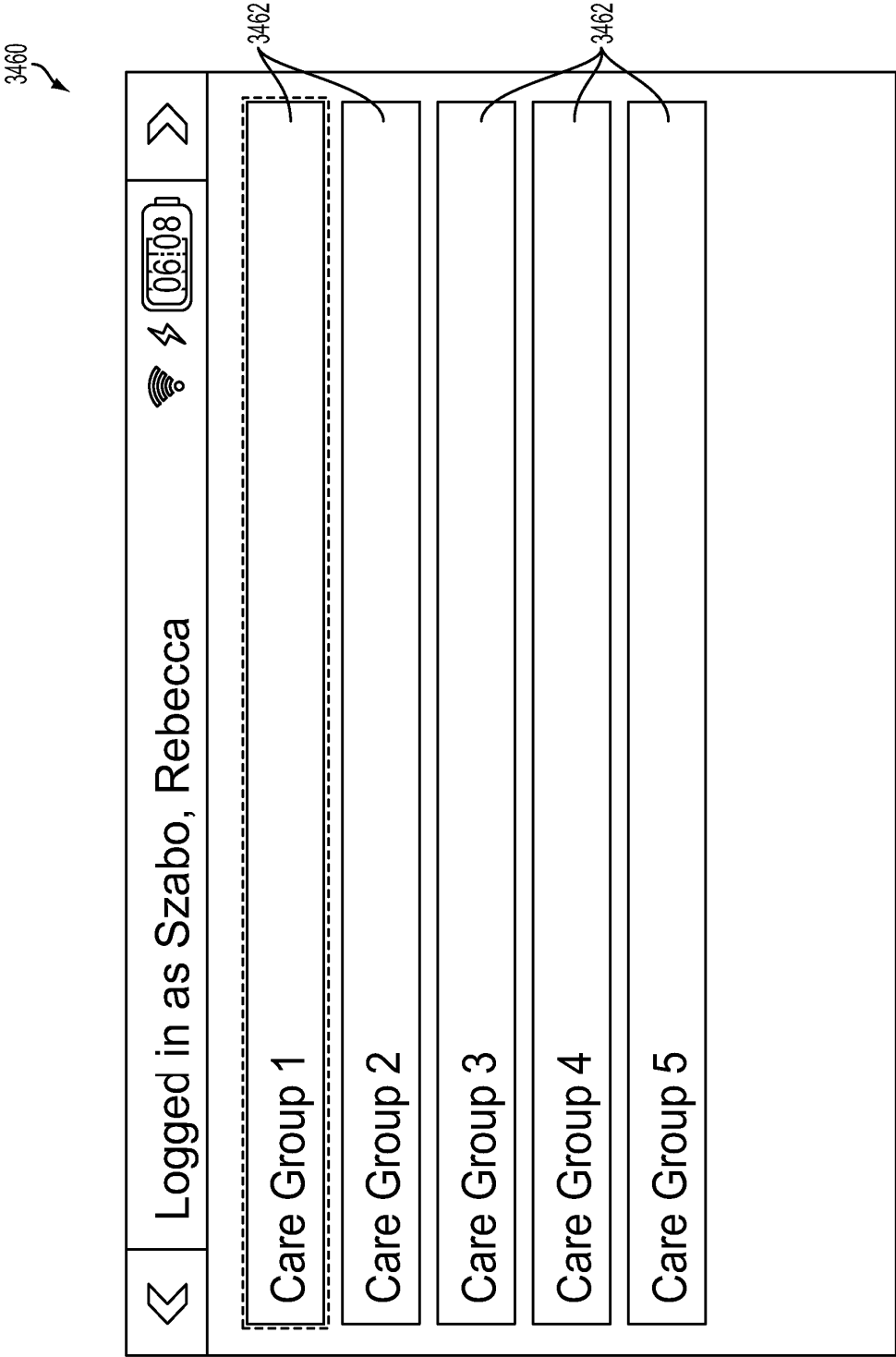


FIG. 212

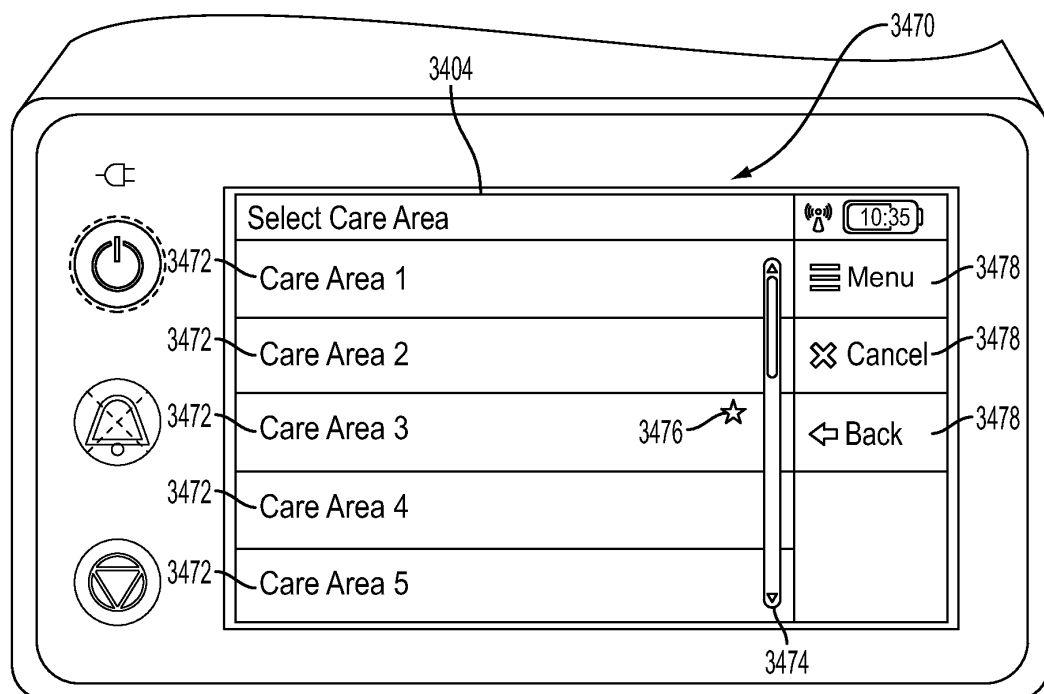


FIG. 213

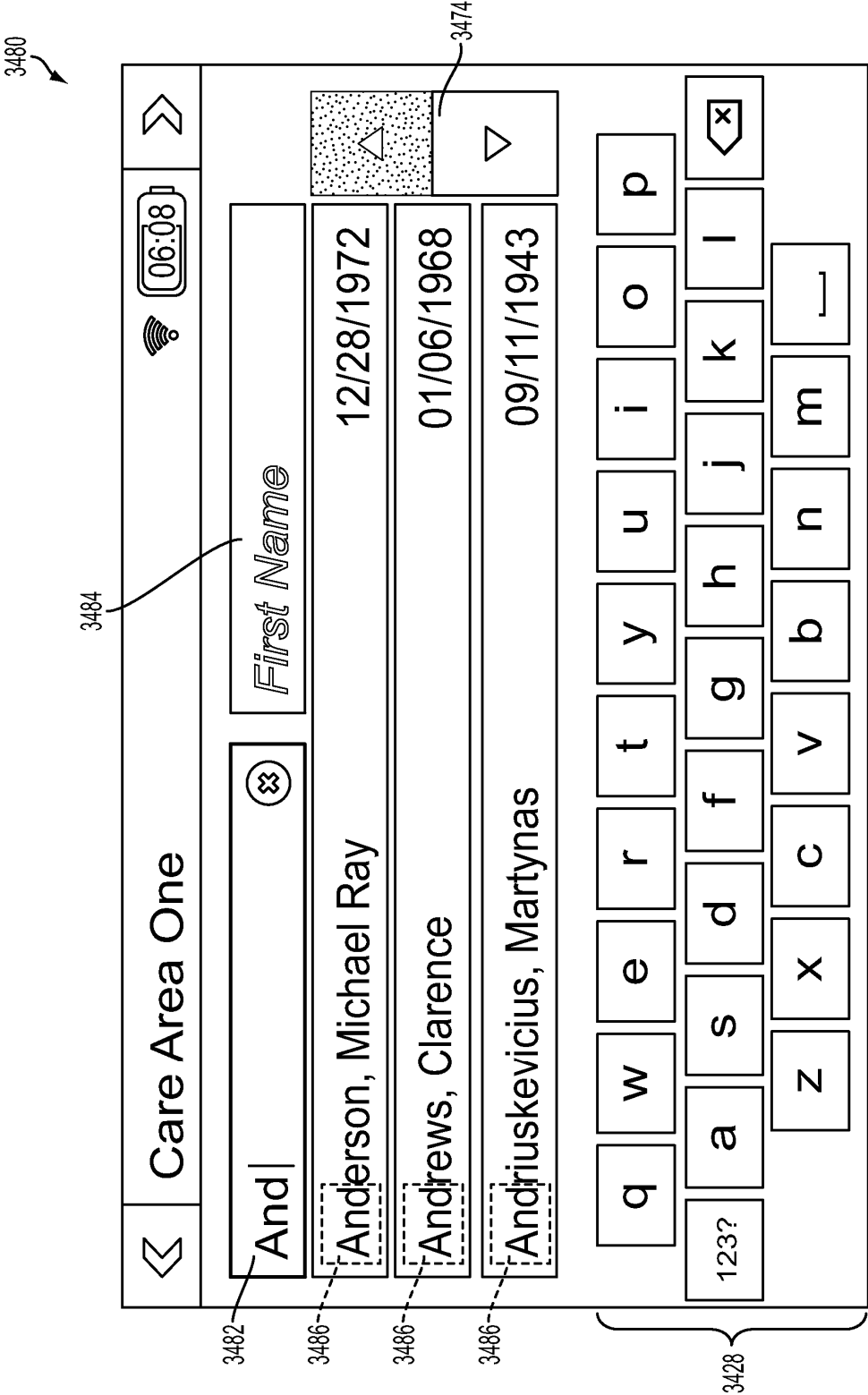


FIG. 214

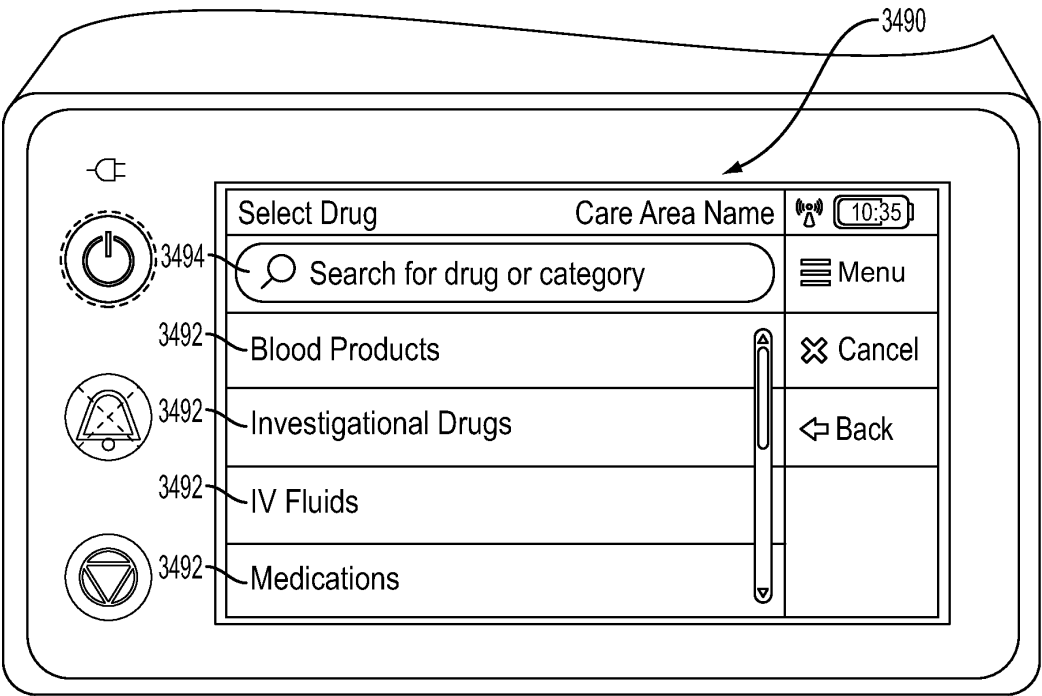


FIG. 215

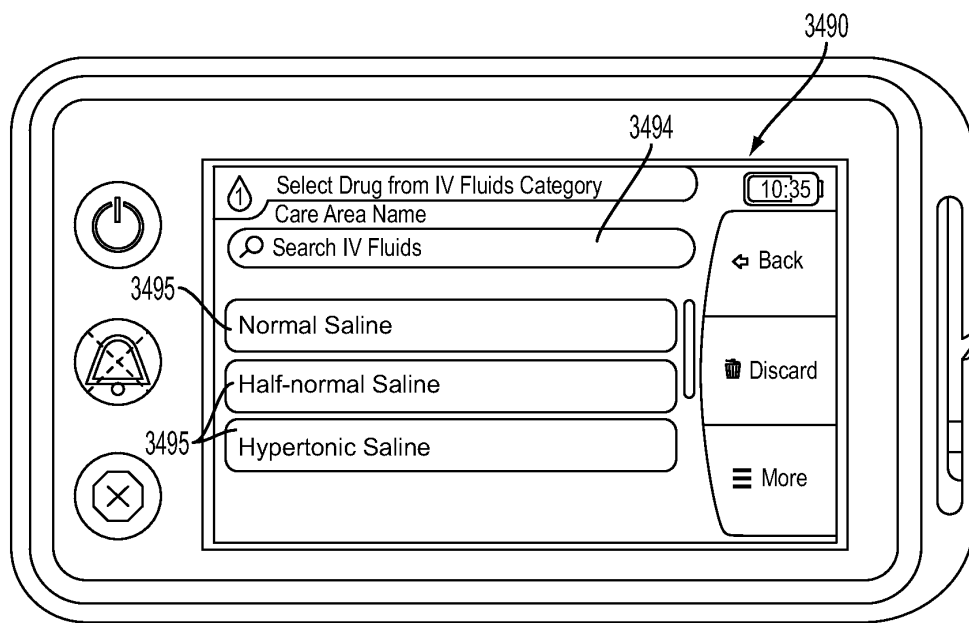


FIG. 216

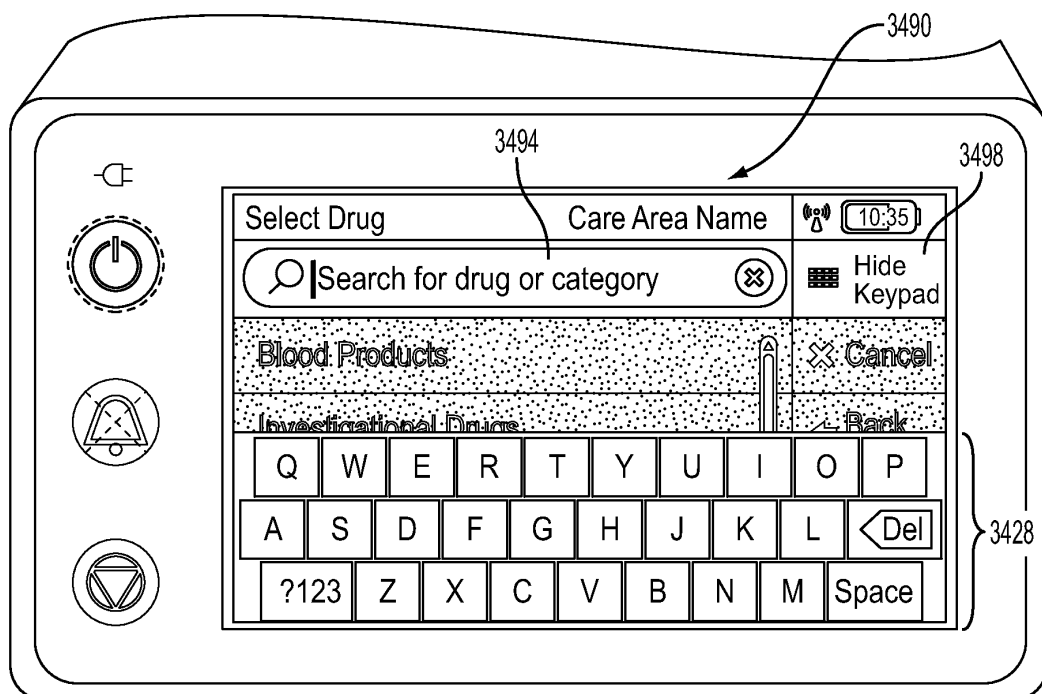


FIG. 217

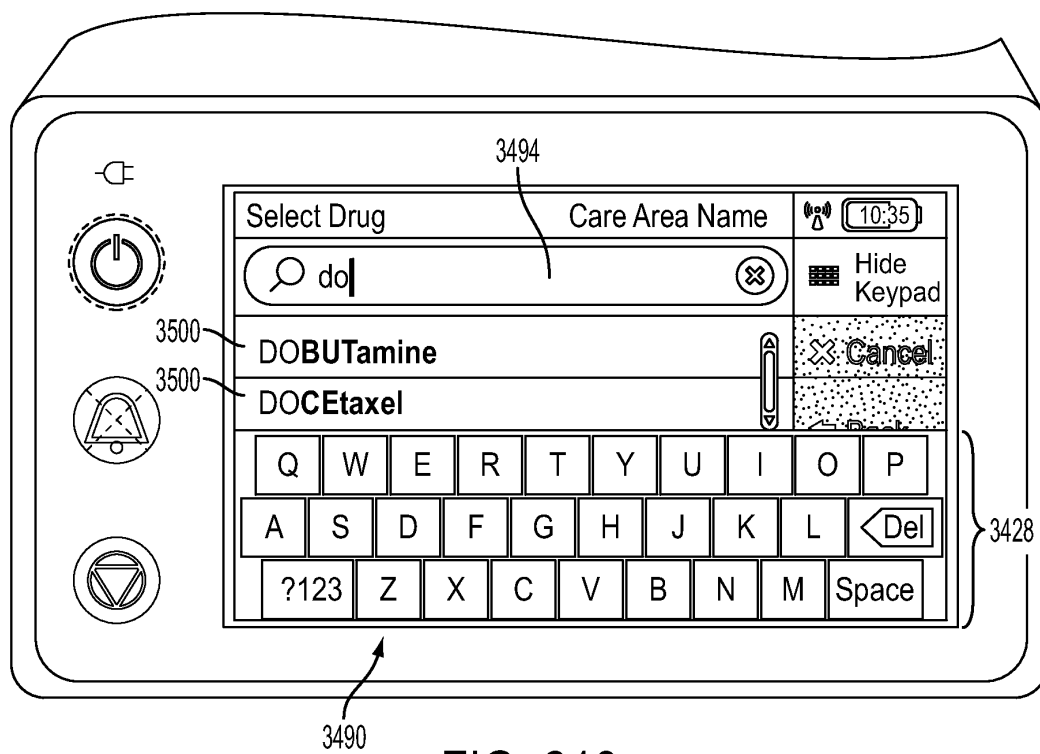


FIG. 218

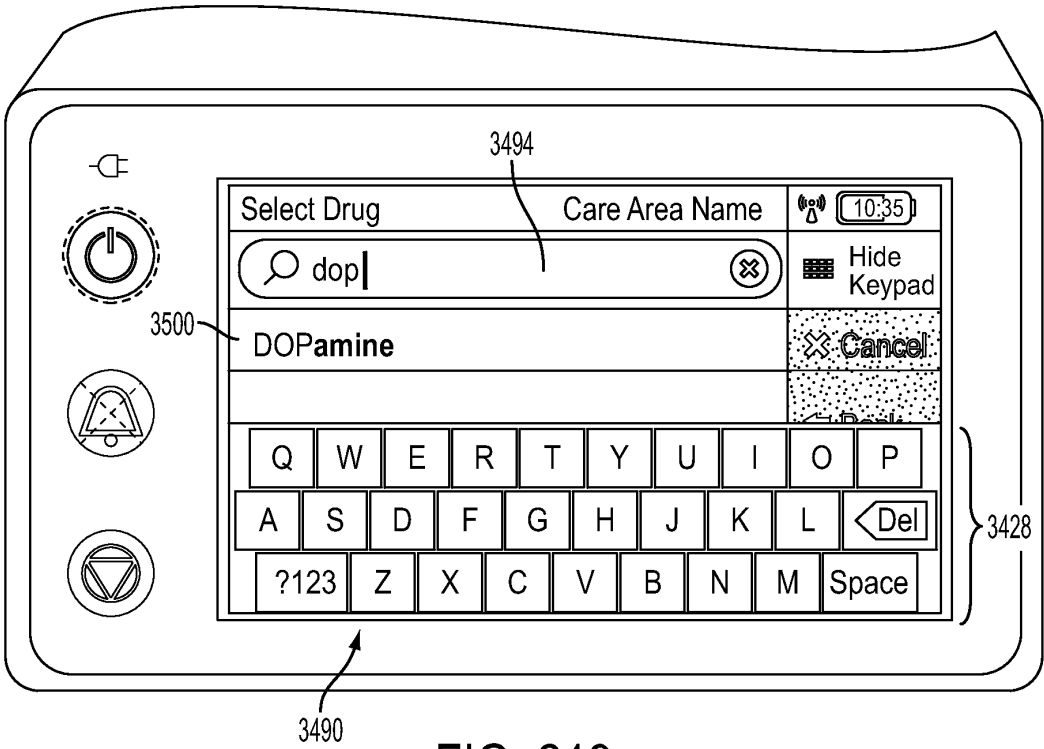


FIG. 219

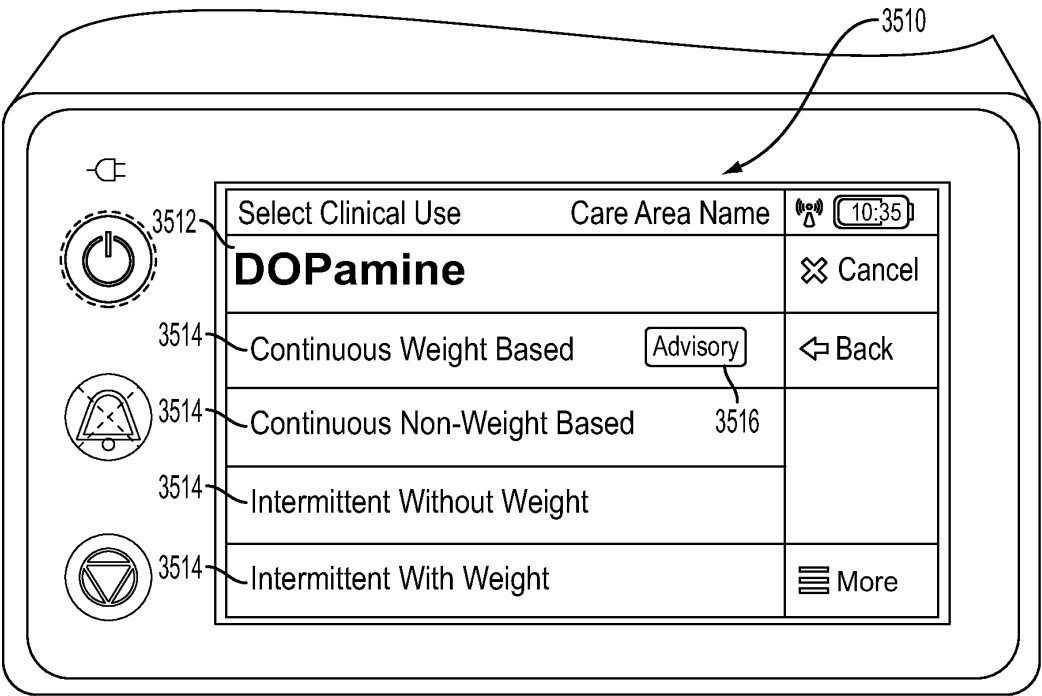


FIG. 220

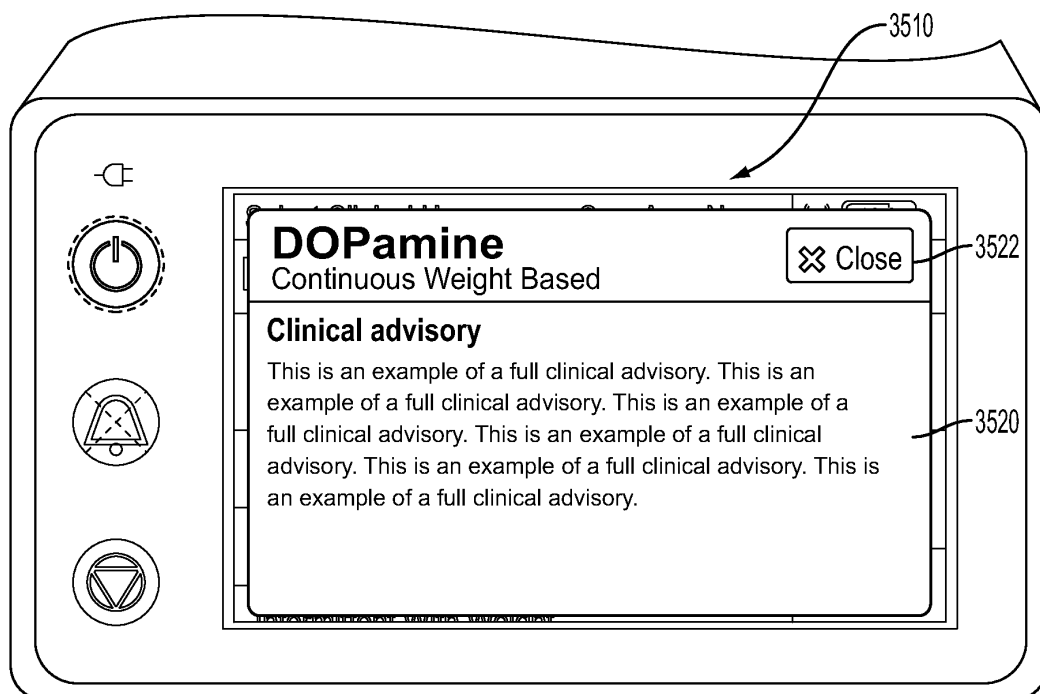


FIG. 221

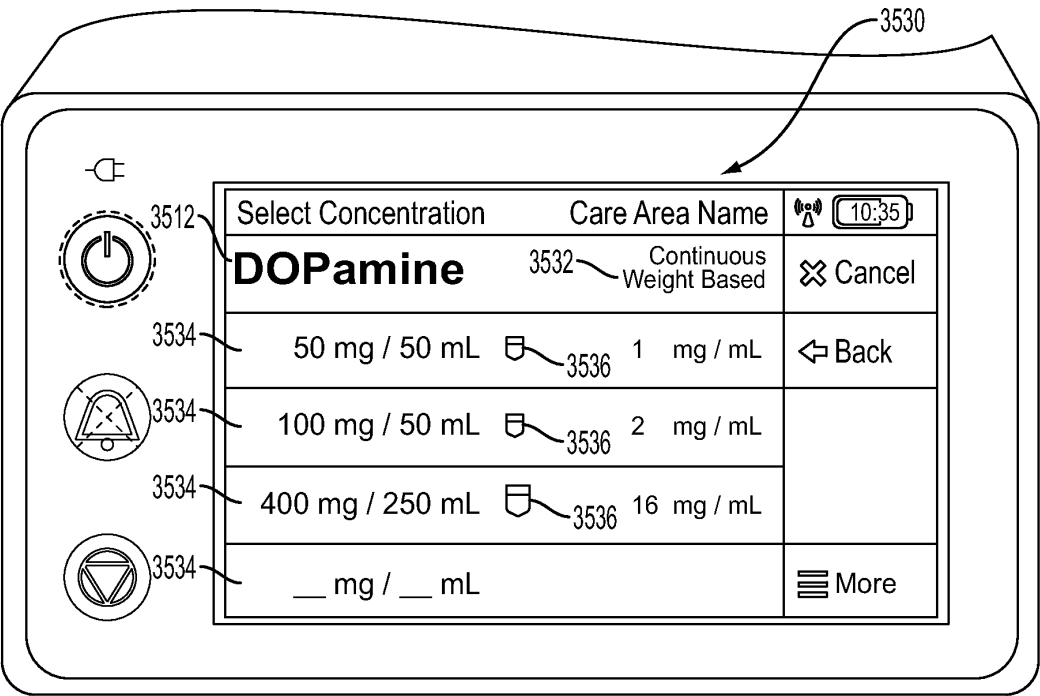


FIG. 222

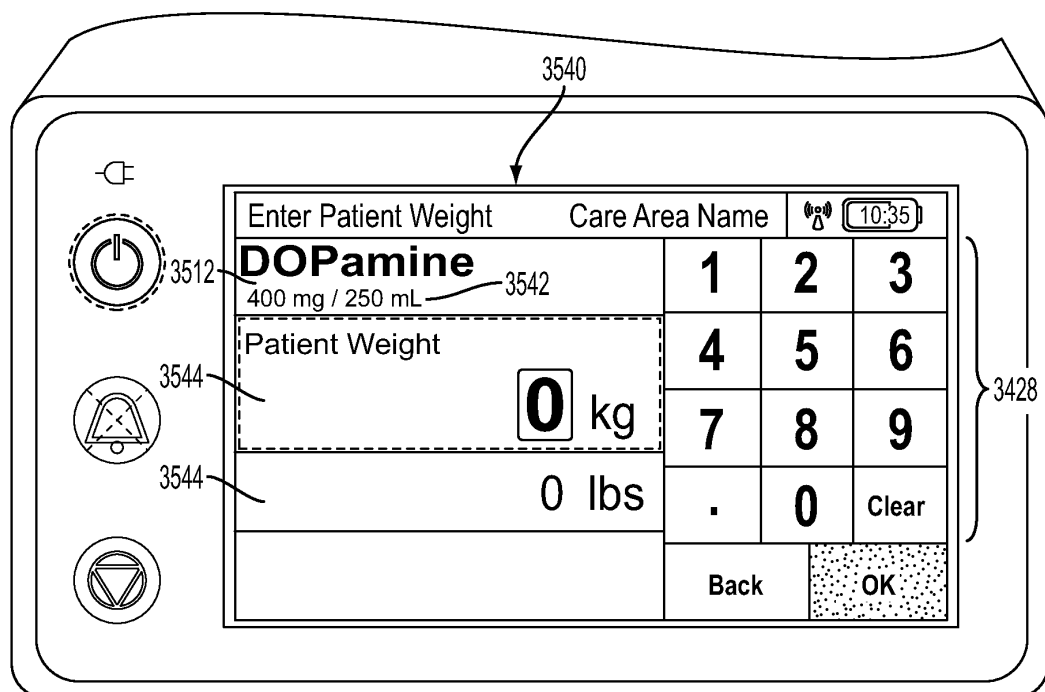


FIG. 223

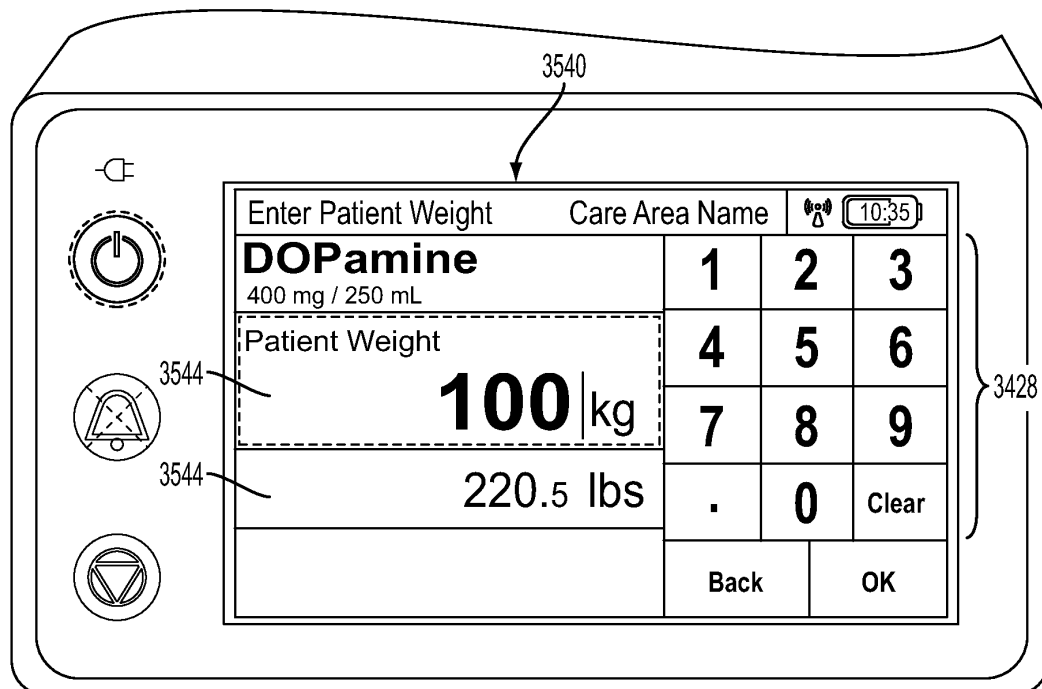


FIG. 224

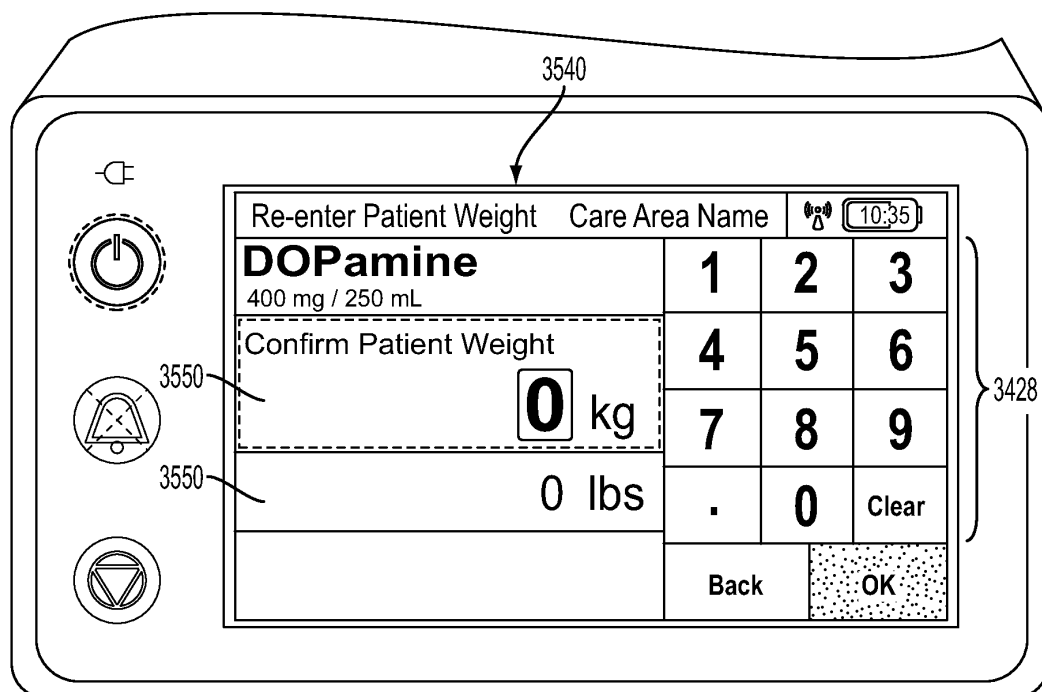


FIG. 225

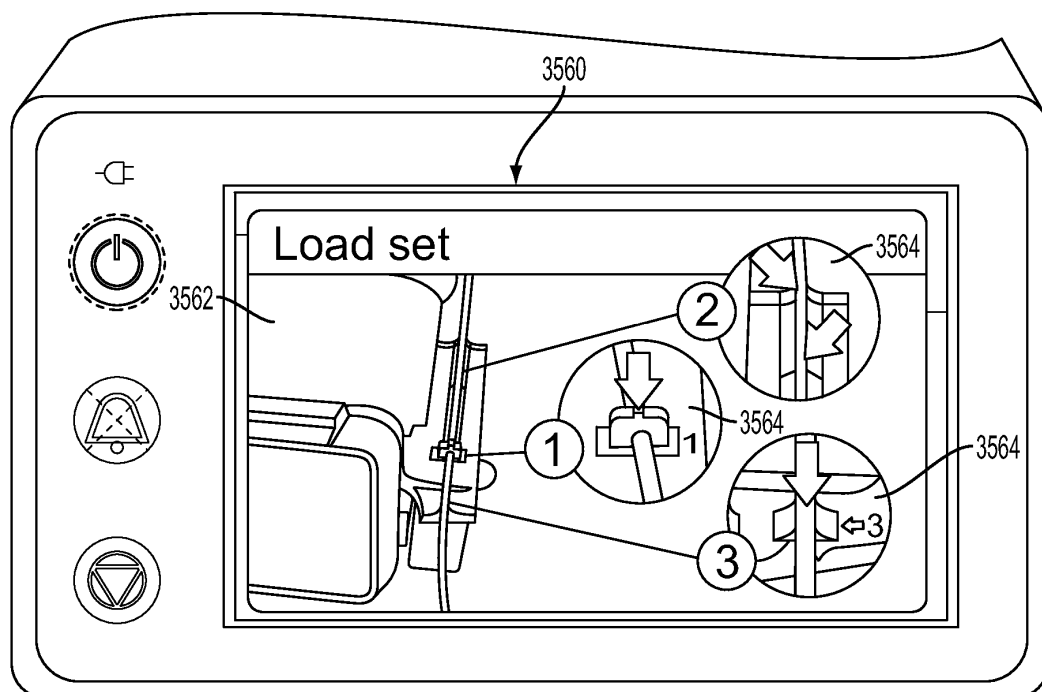


FIG. 226

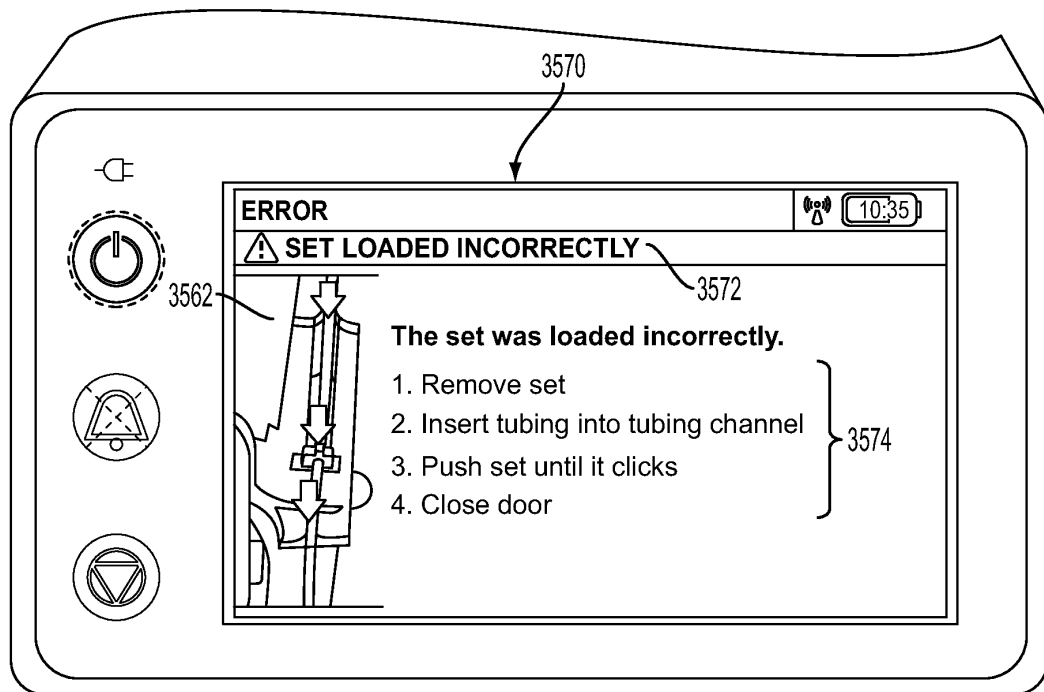


FIG. 227

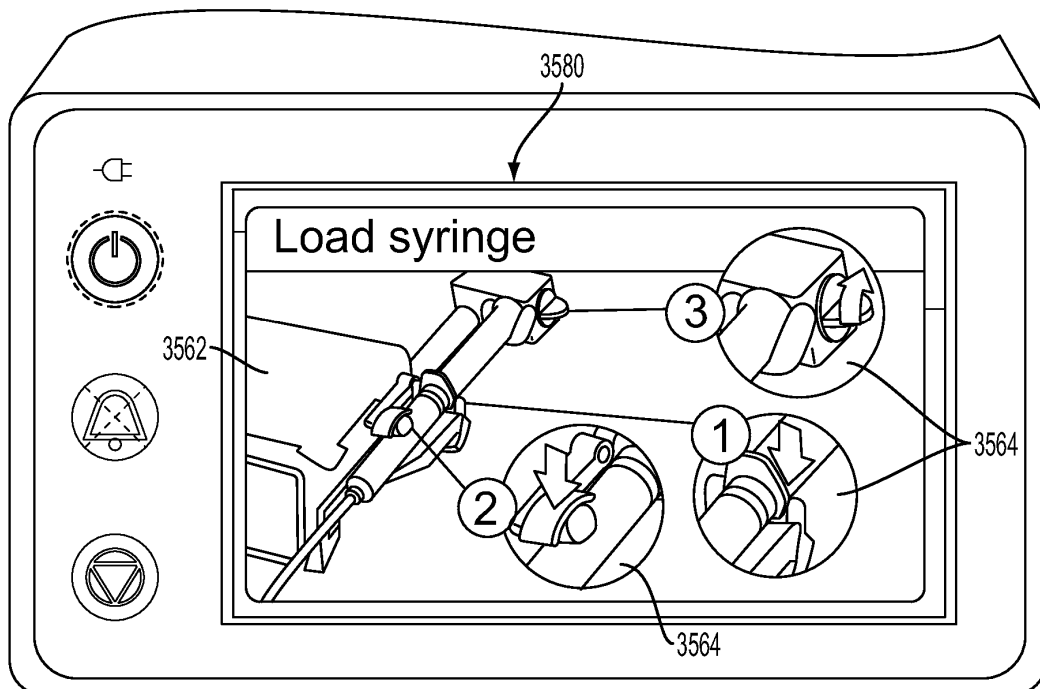


FIG. 228

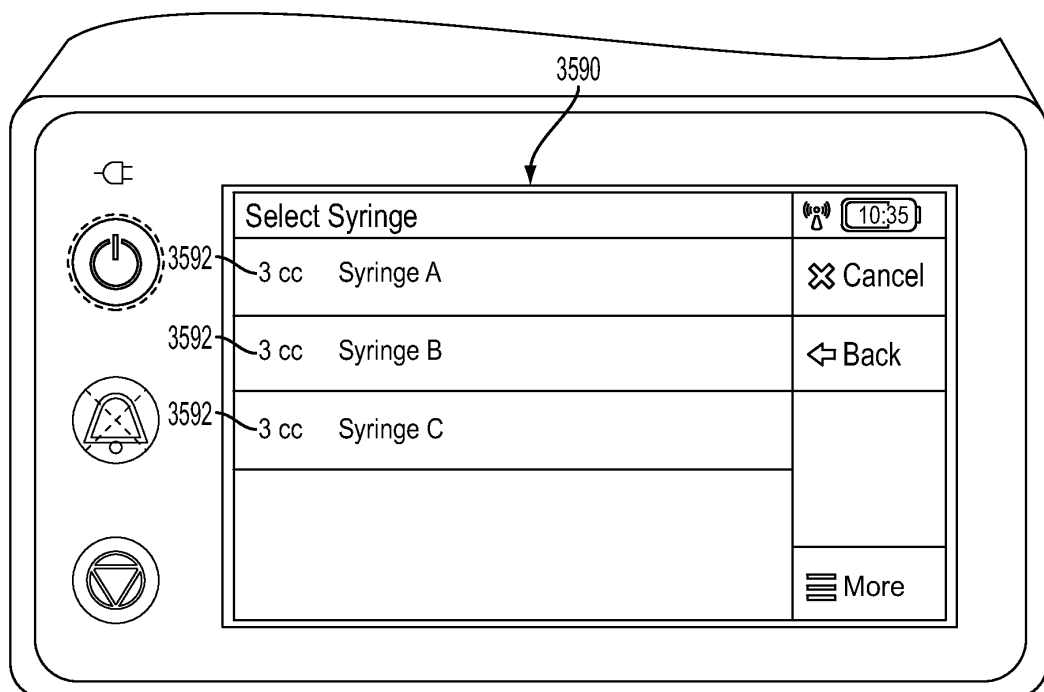


FIG. 229

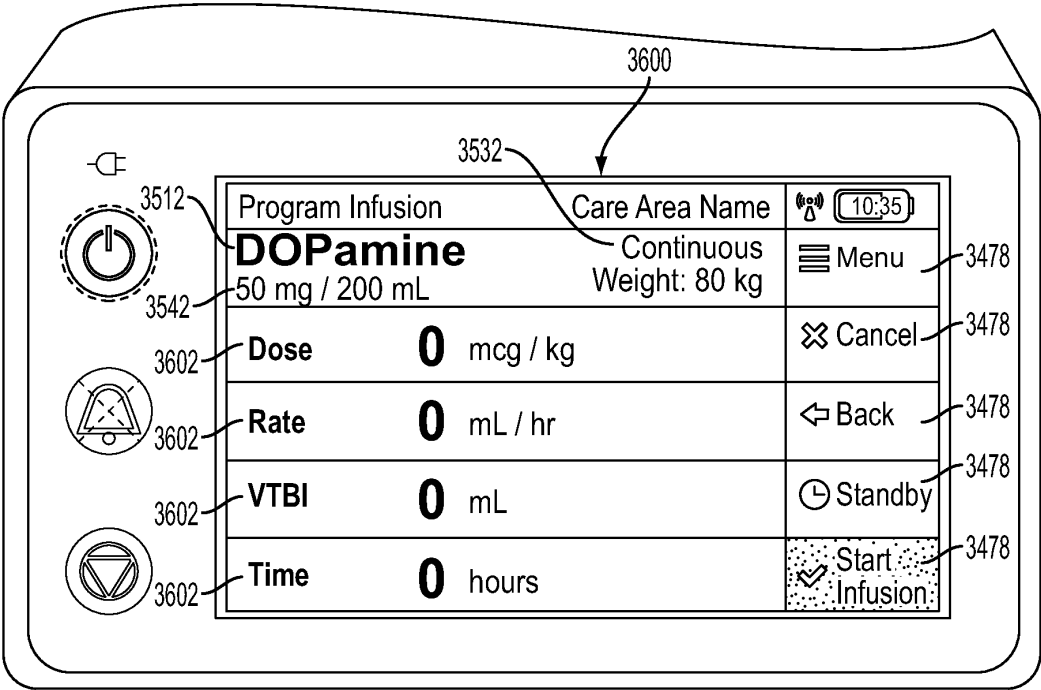


FIG. 230

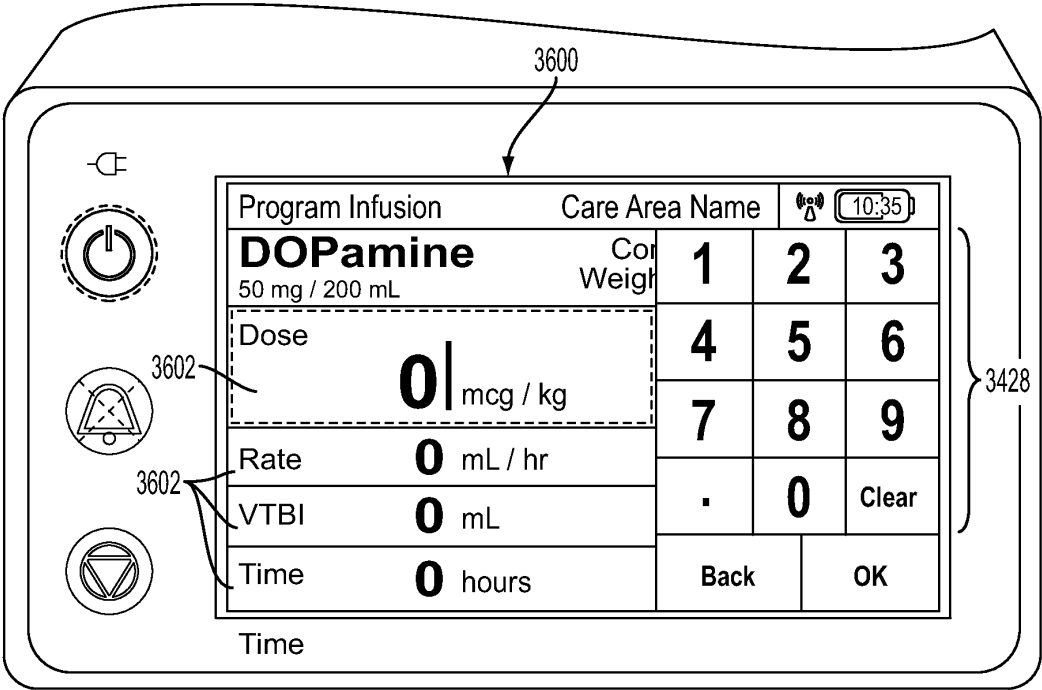


FIG. 231

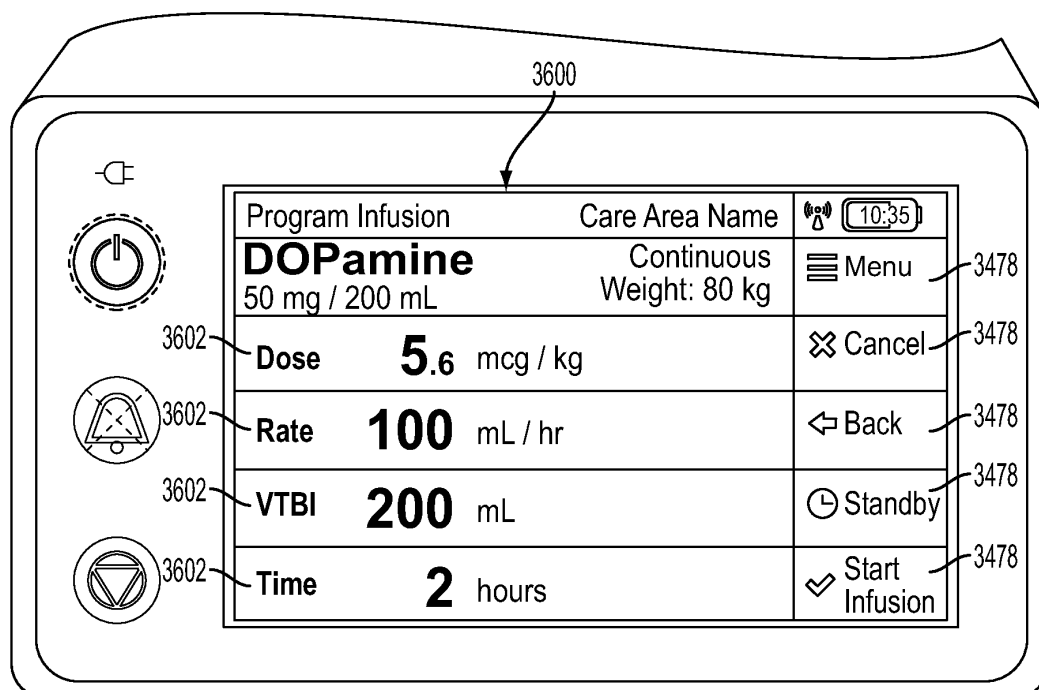


FIG. 232

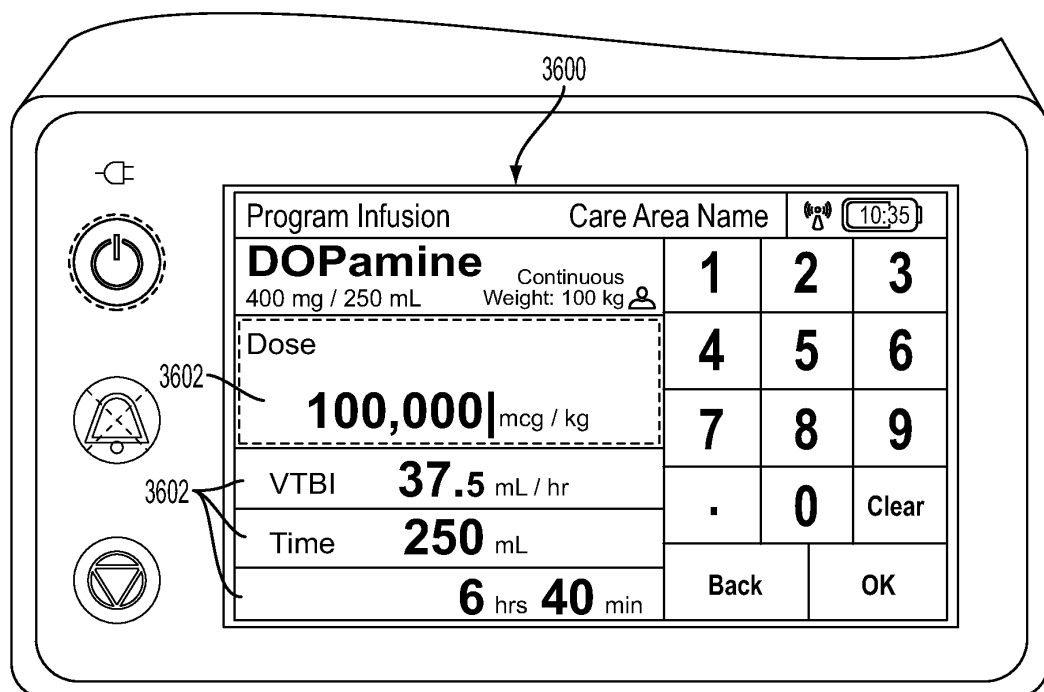


FIG. 233

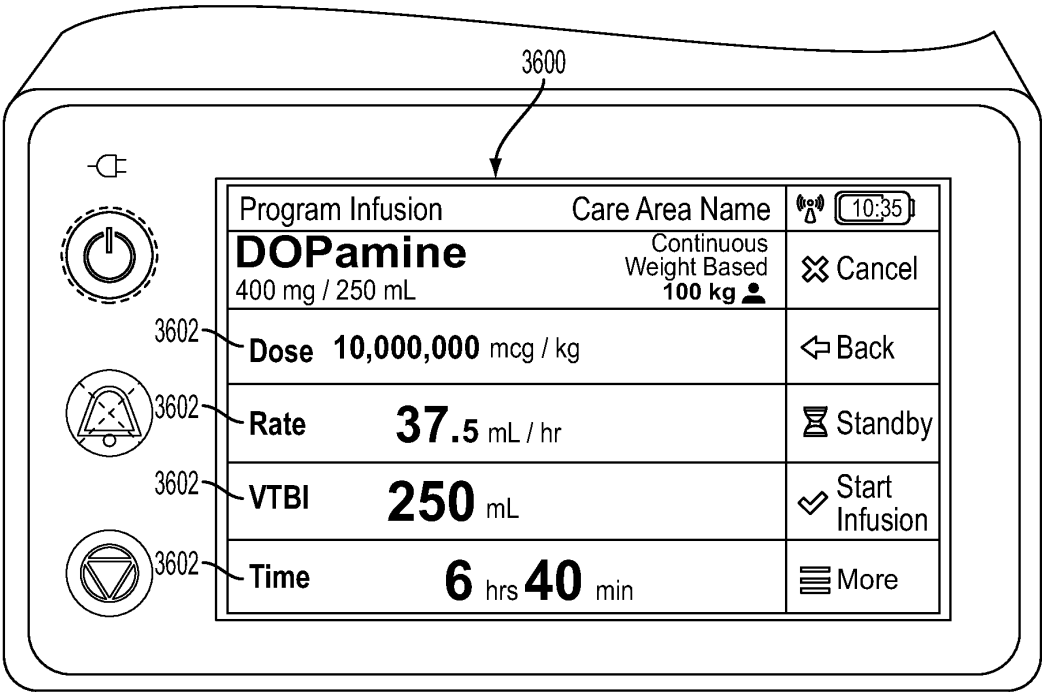


FIG. 234

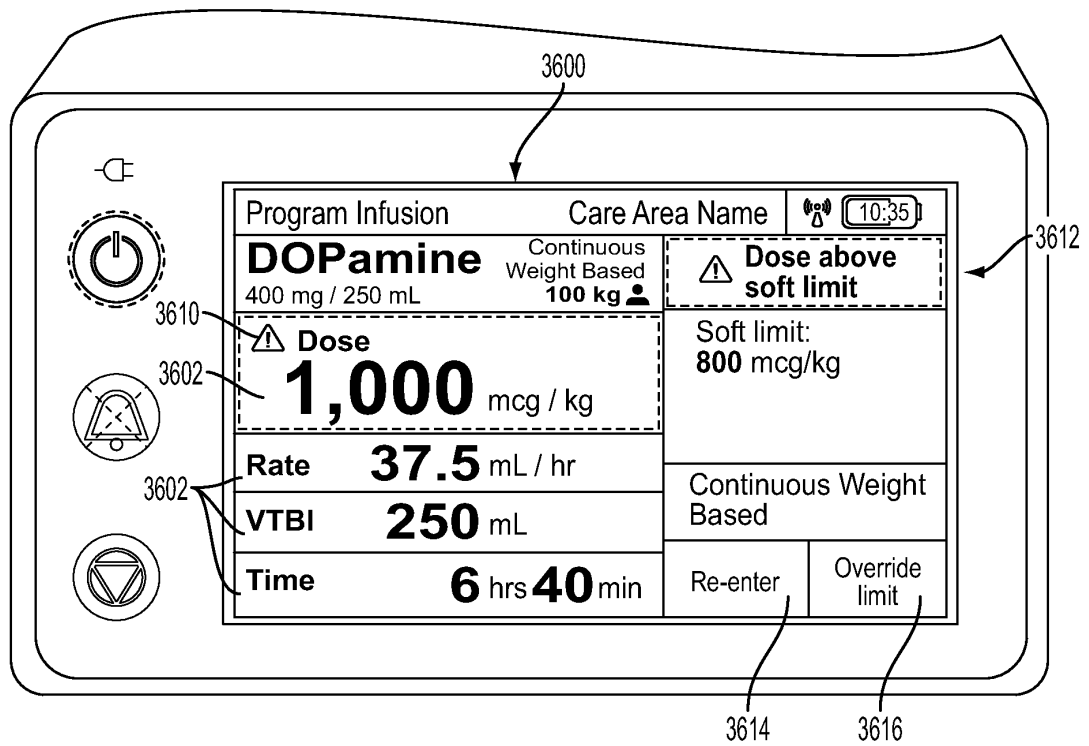


FIG. 235

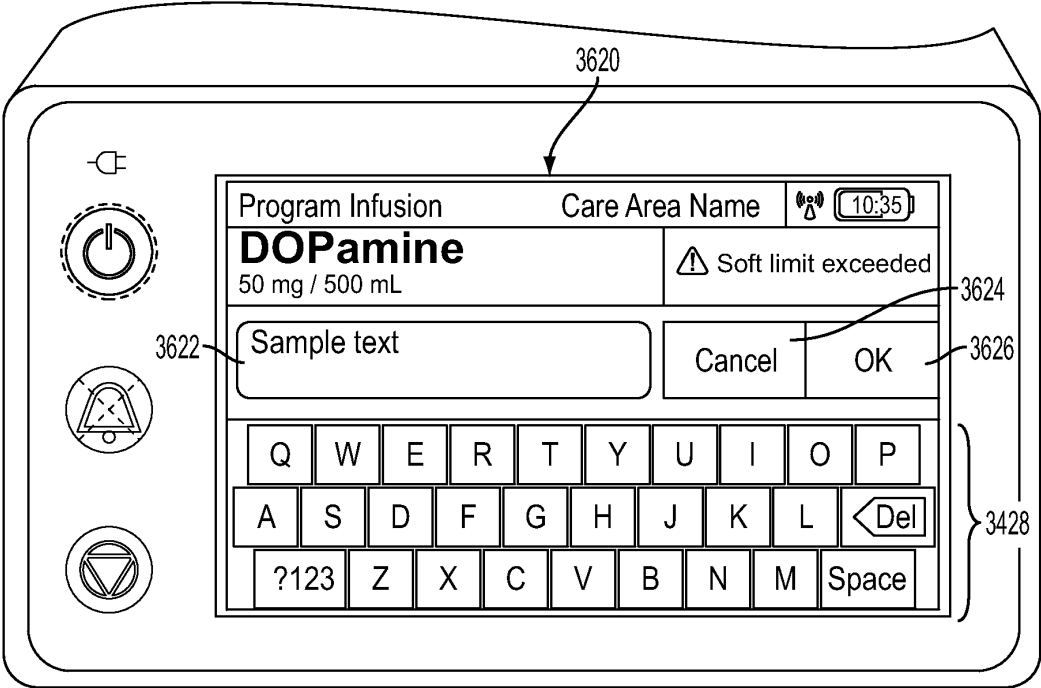


FIG. 236

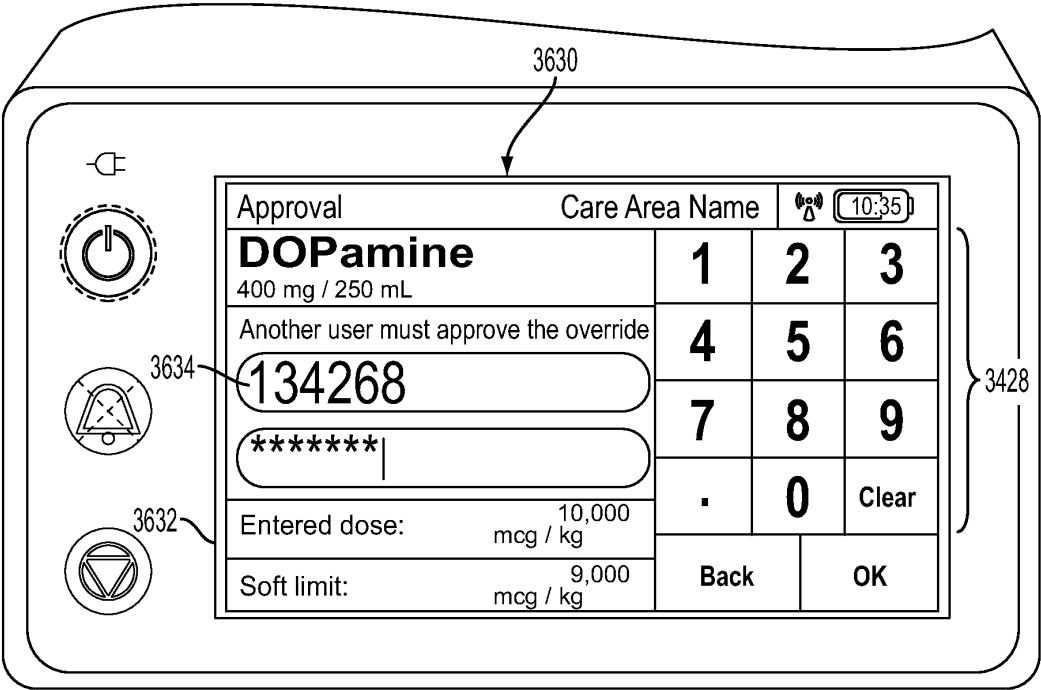


FIG. 237

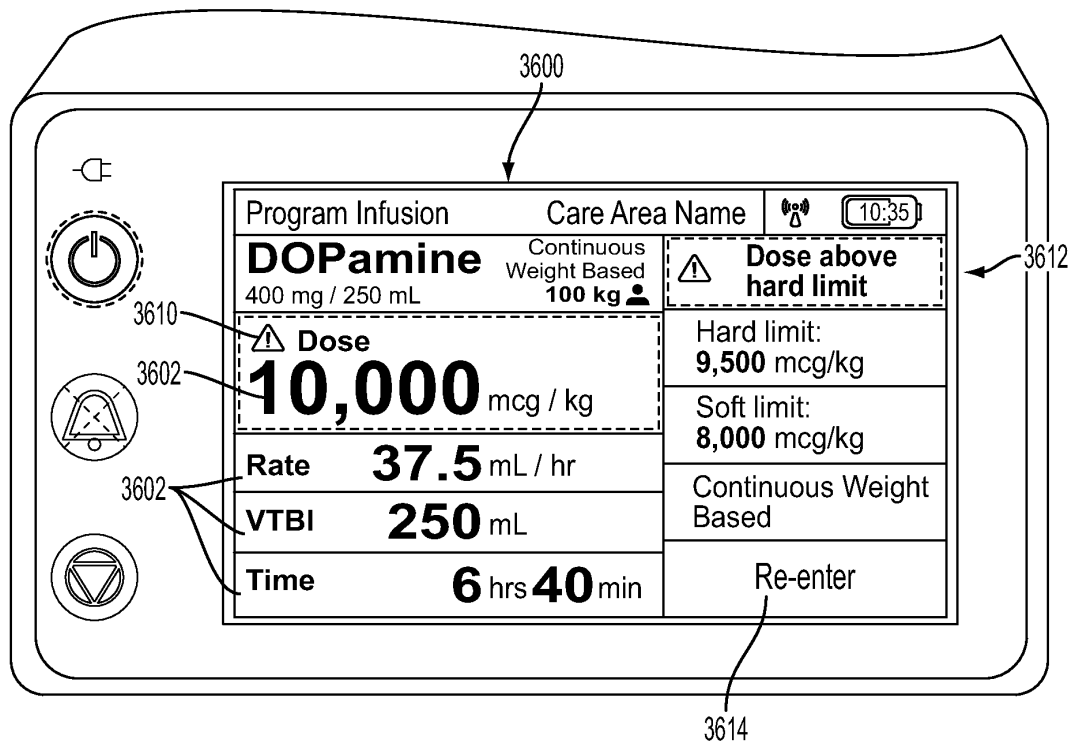


FIG. 238

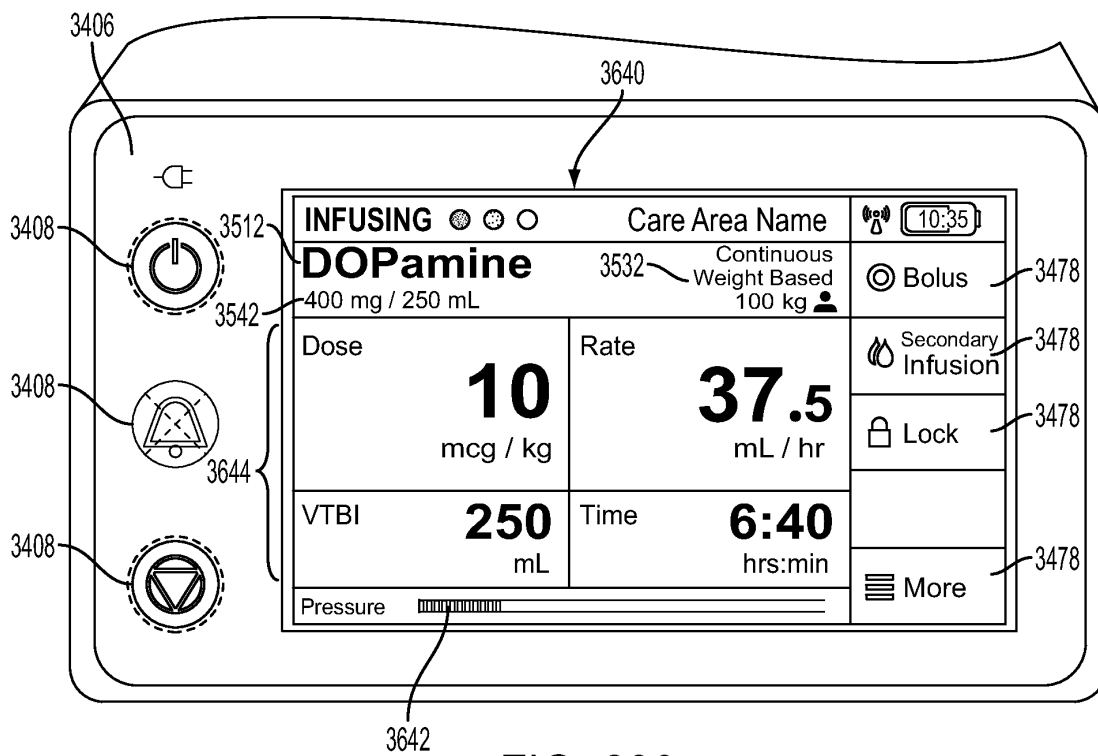


FIG. 239

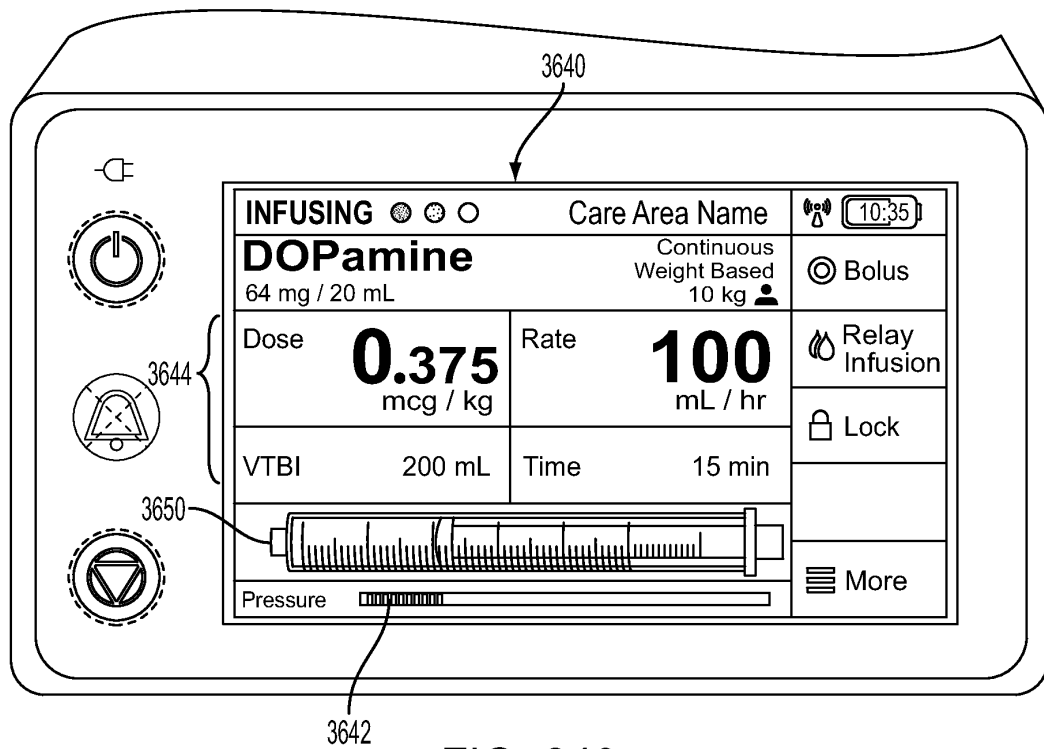


FIG. 240

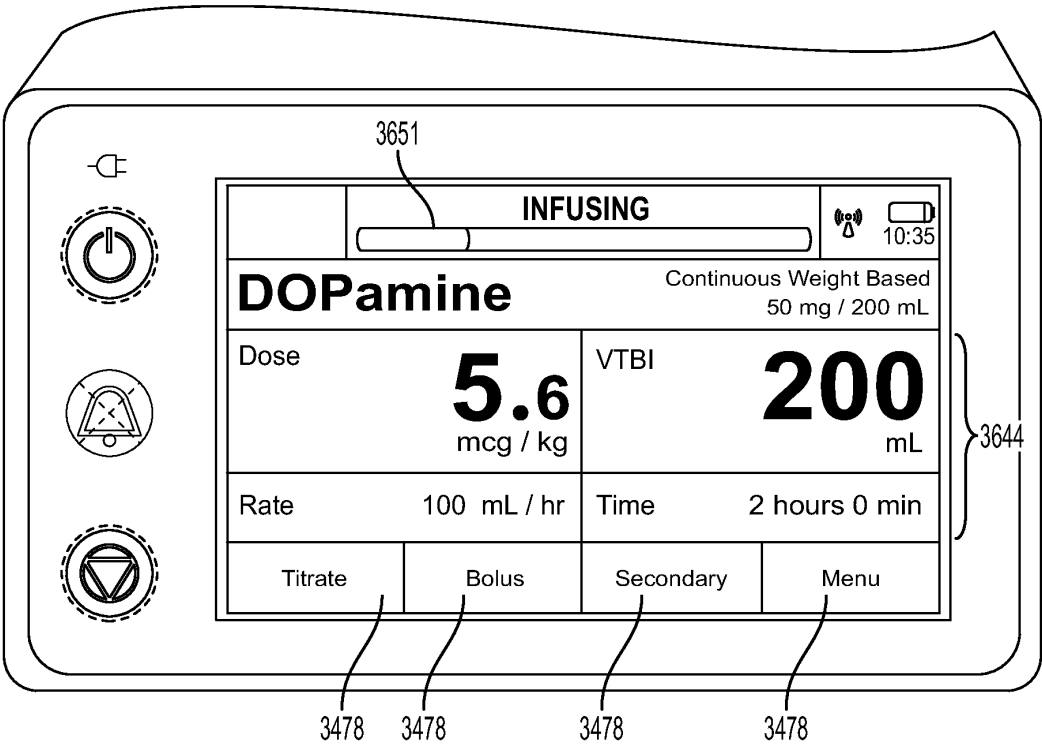


FIG. 241

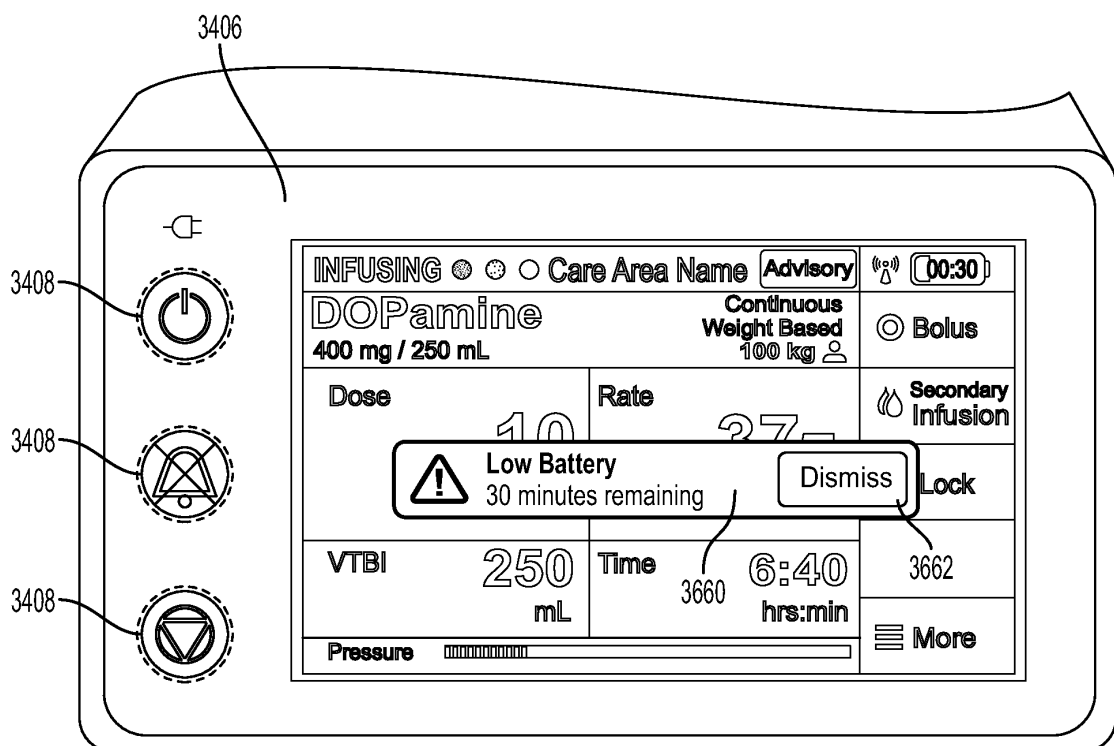


FIG. 242

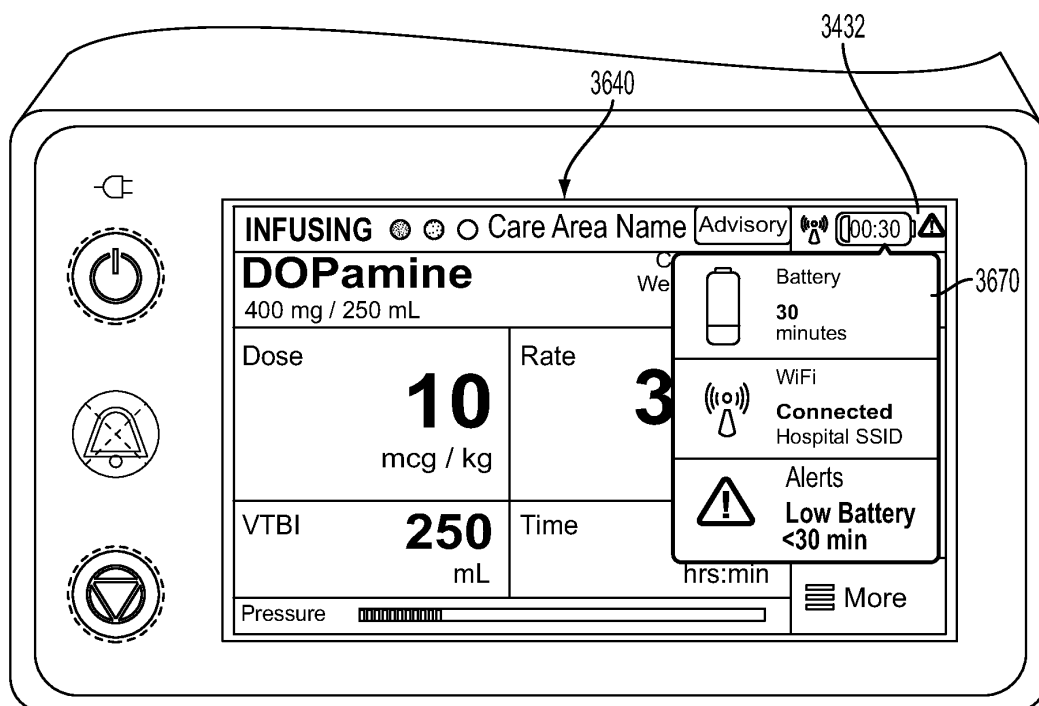


FIG. 243

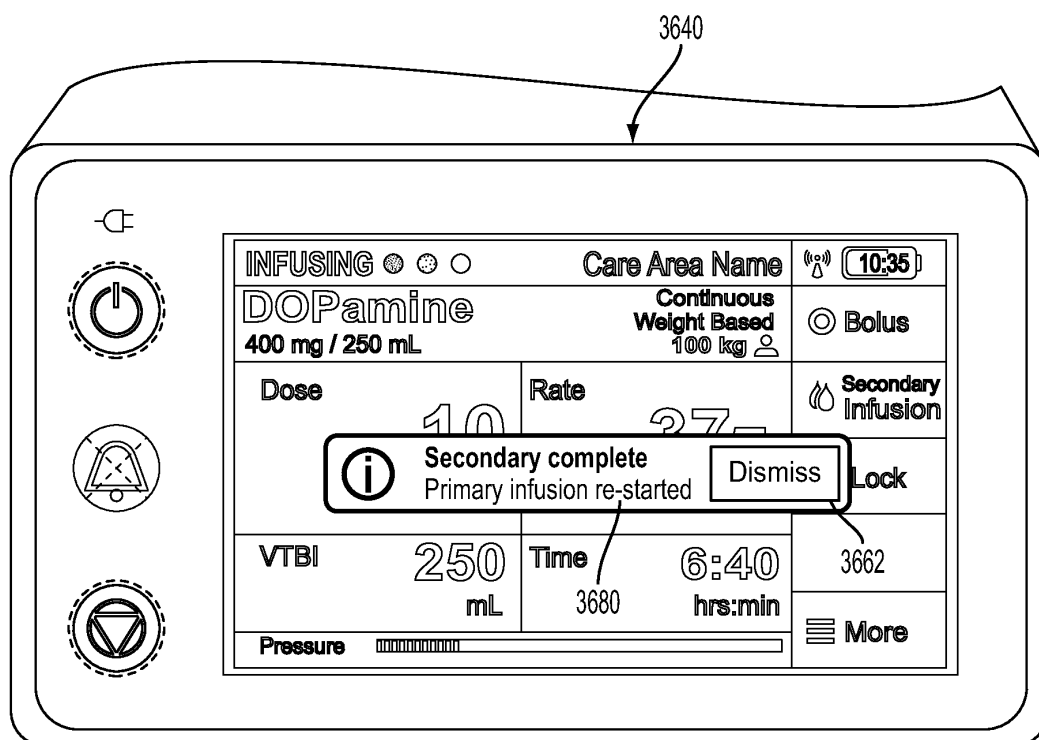


FIG. 244

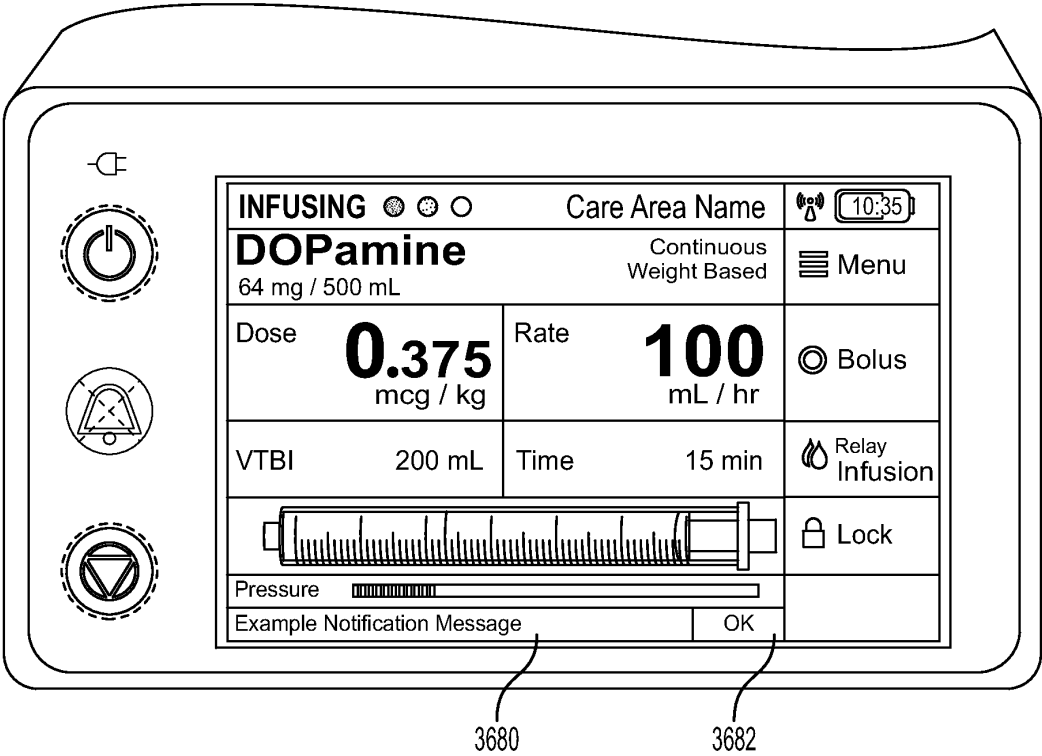


FIG. 245

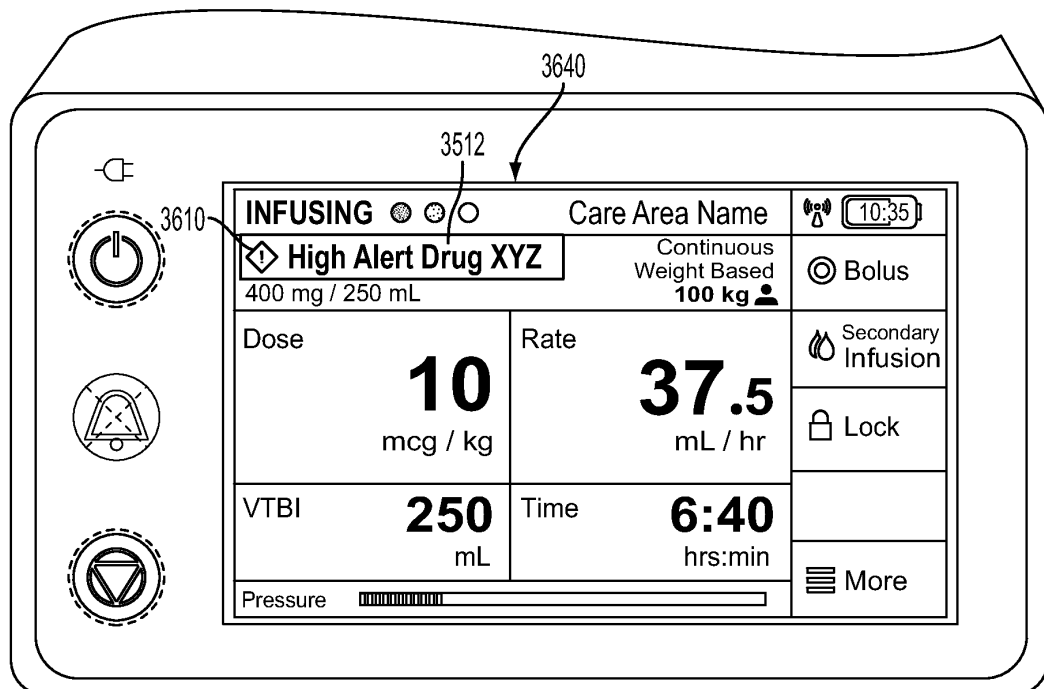


FIG. 246

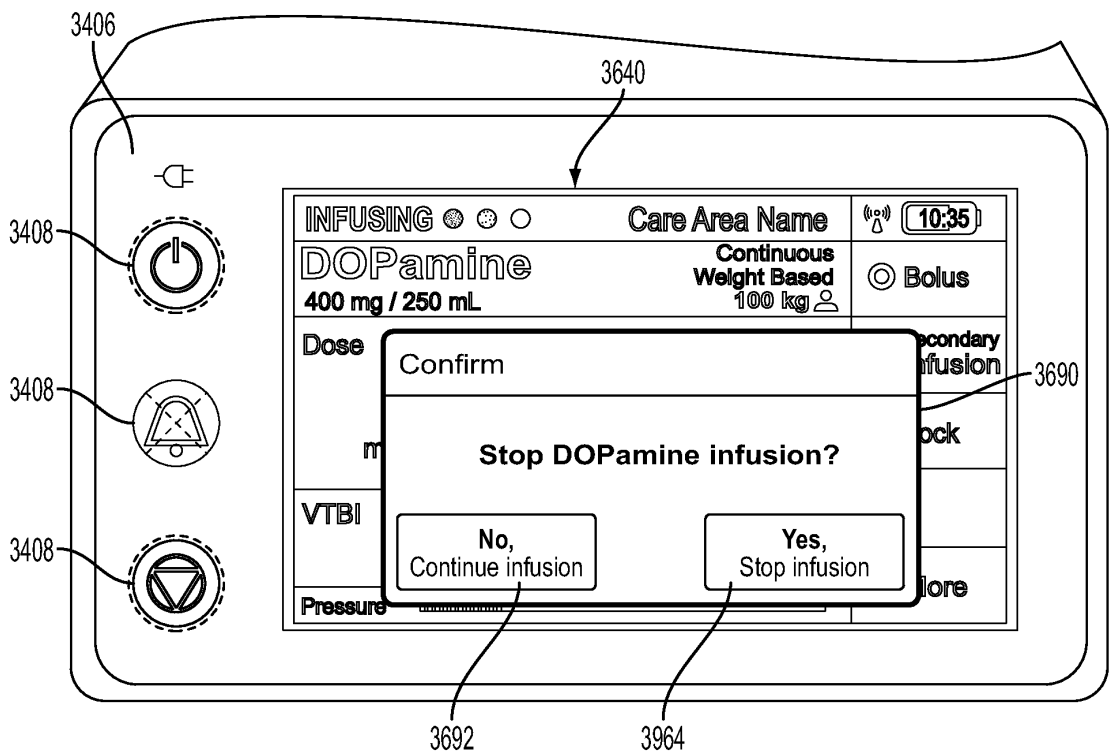


FIG. 247

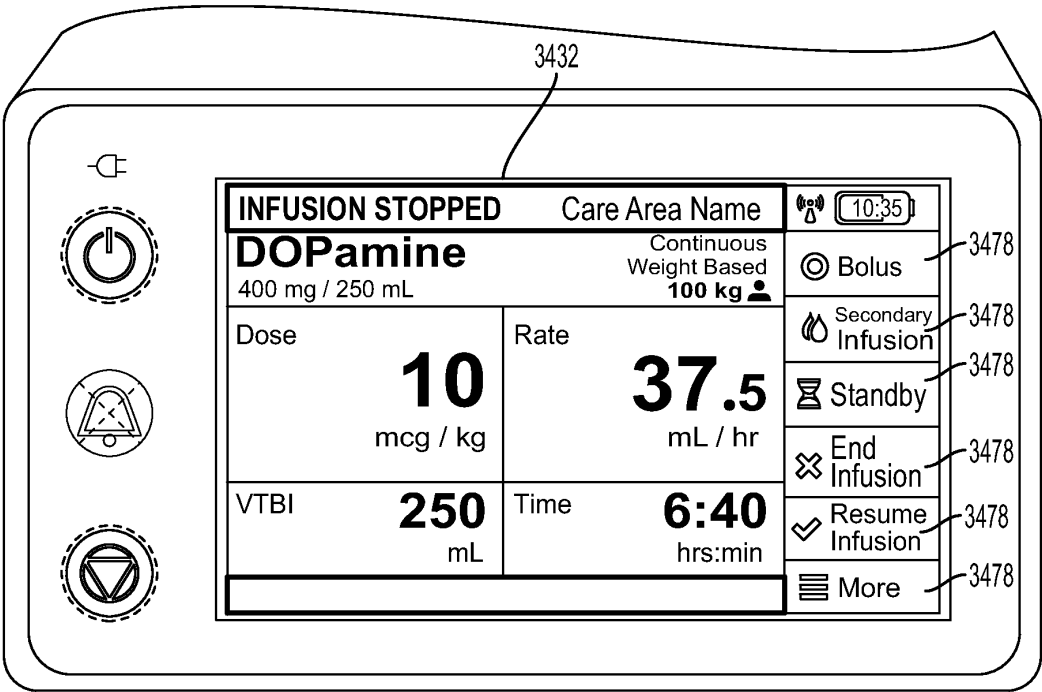


FIG. 248

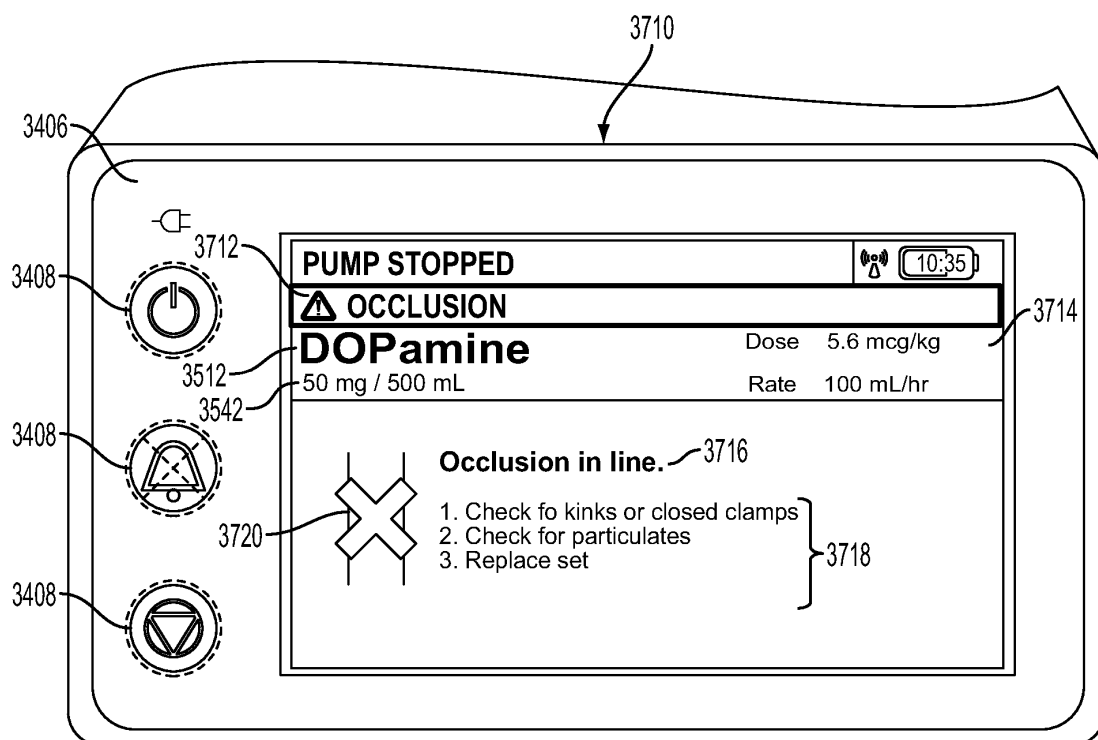


FIG. 249

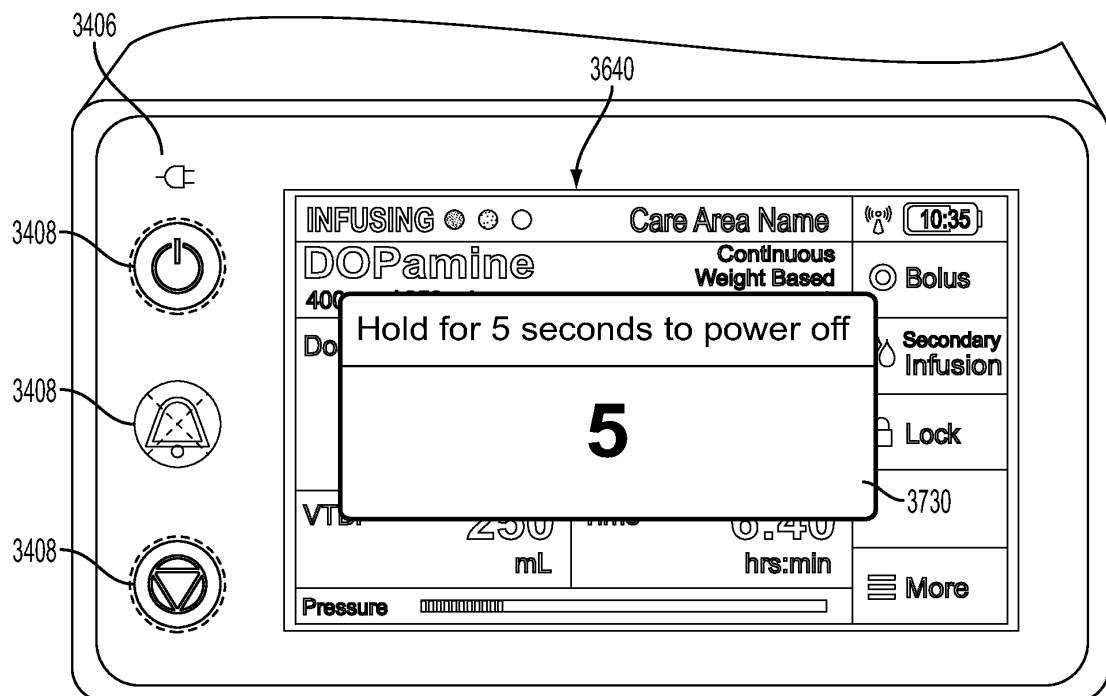


FIG. 250

Anderson, Michael Ray

06:08

DOSE

1,000

mg

RATE

10

mg/hr

VTBI

80

ml

TIME

2_h:15_m

remaining

More

LOCK

0.05 Units / mL

AmanTADarone (Fictional)

FIG. 251

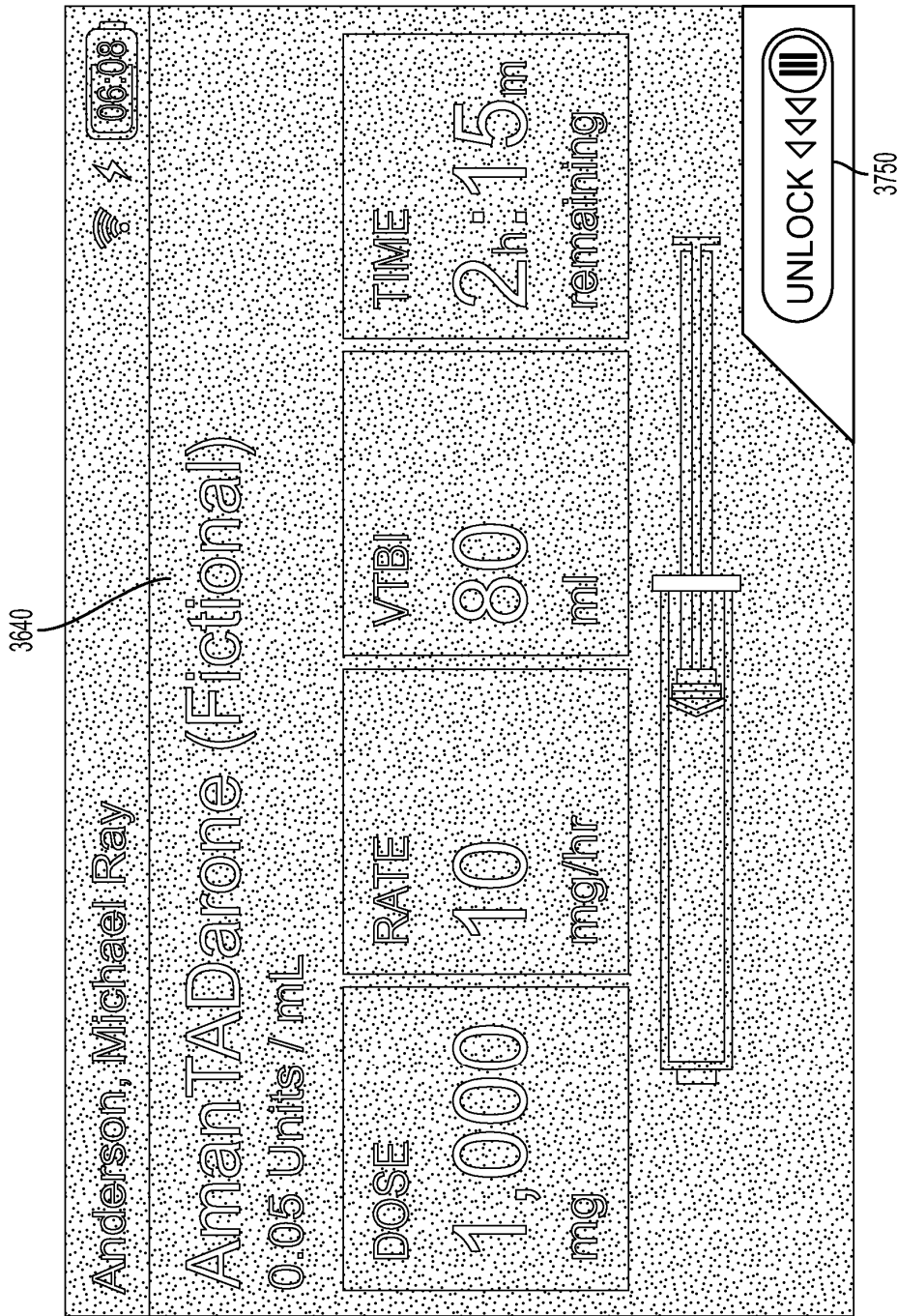


FIG. 252

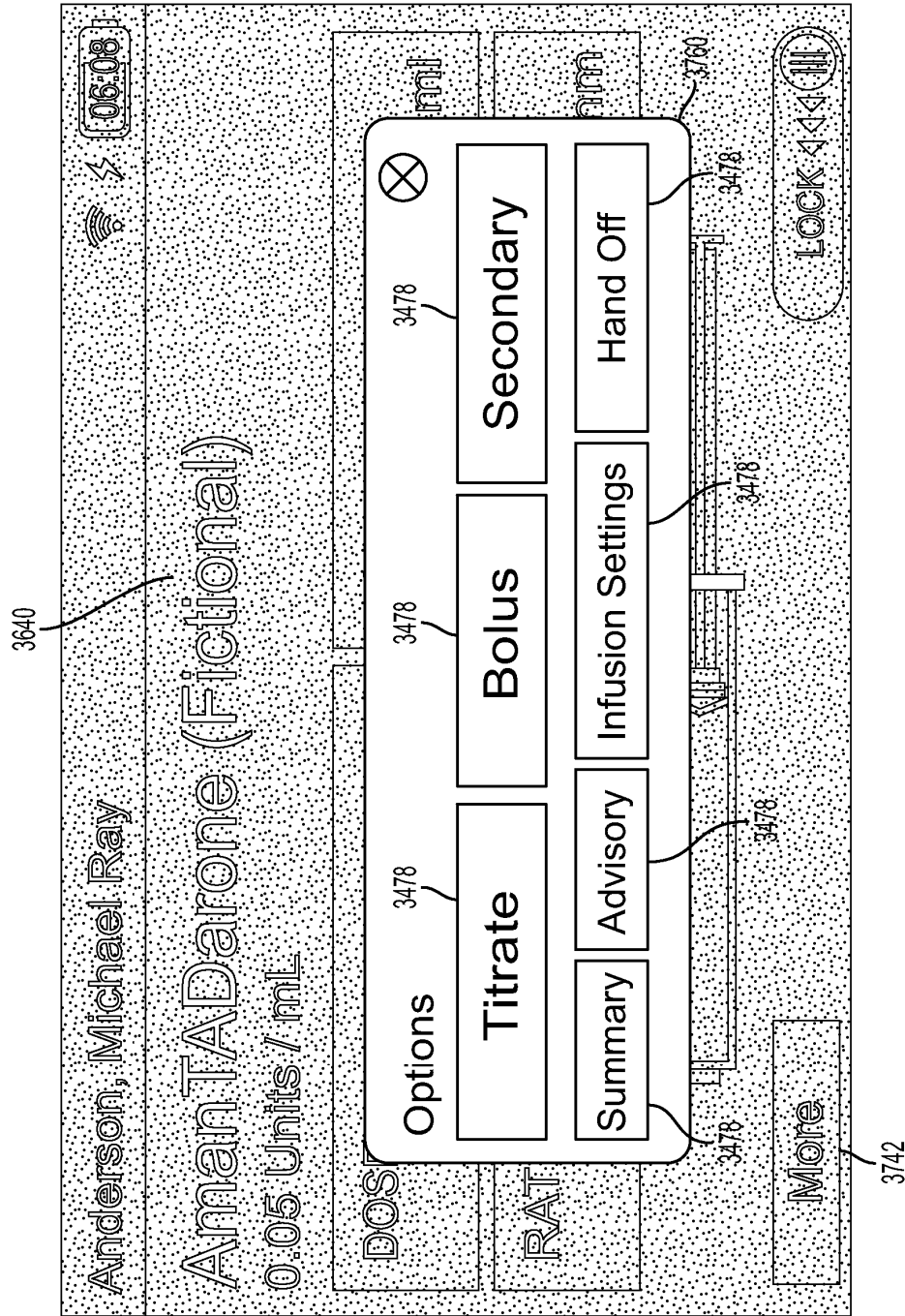


FIG. 253

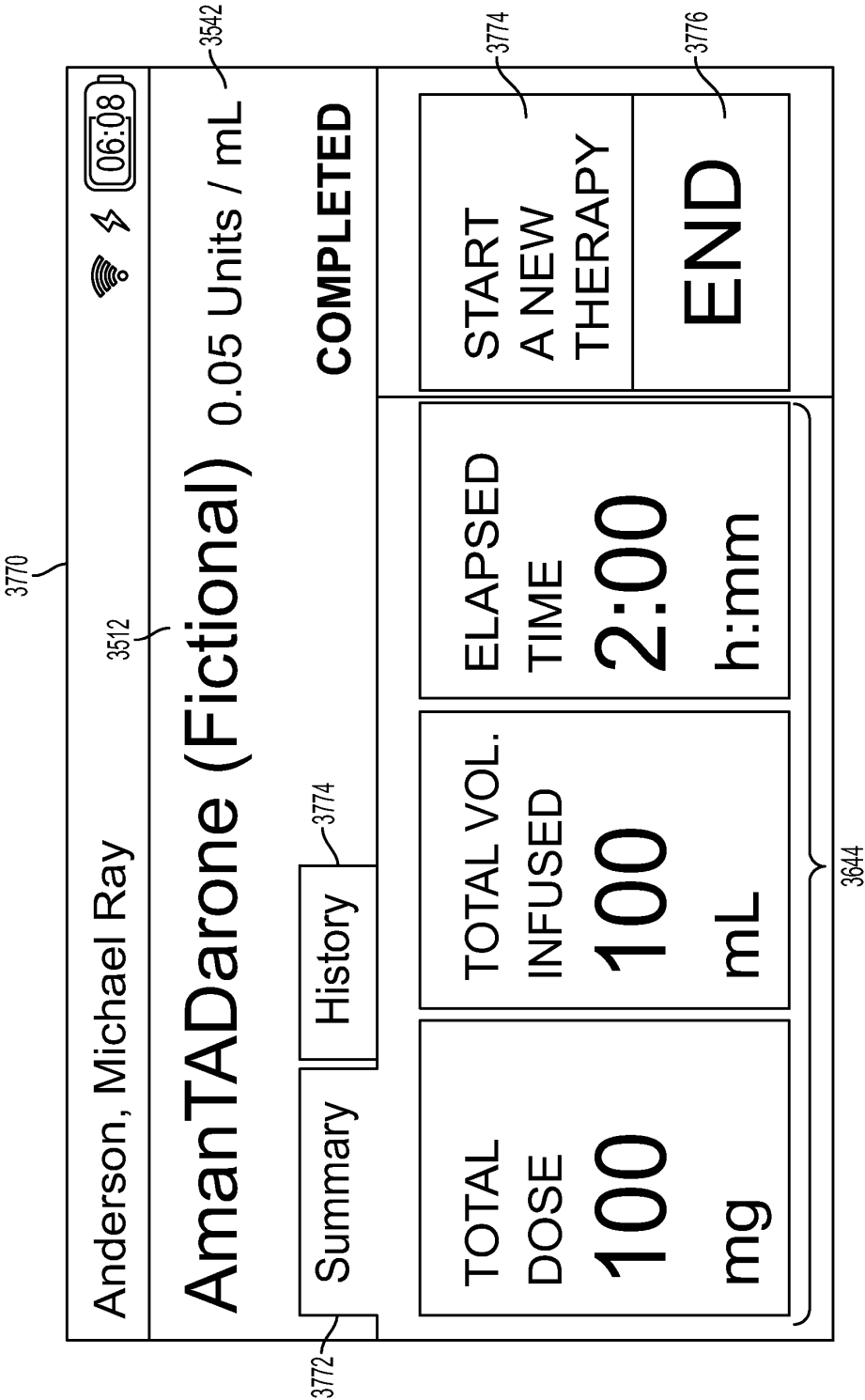


FIG. 254

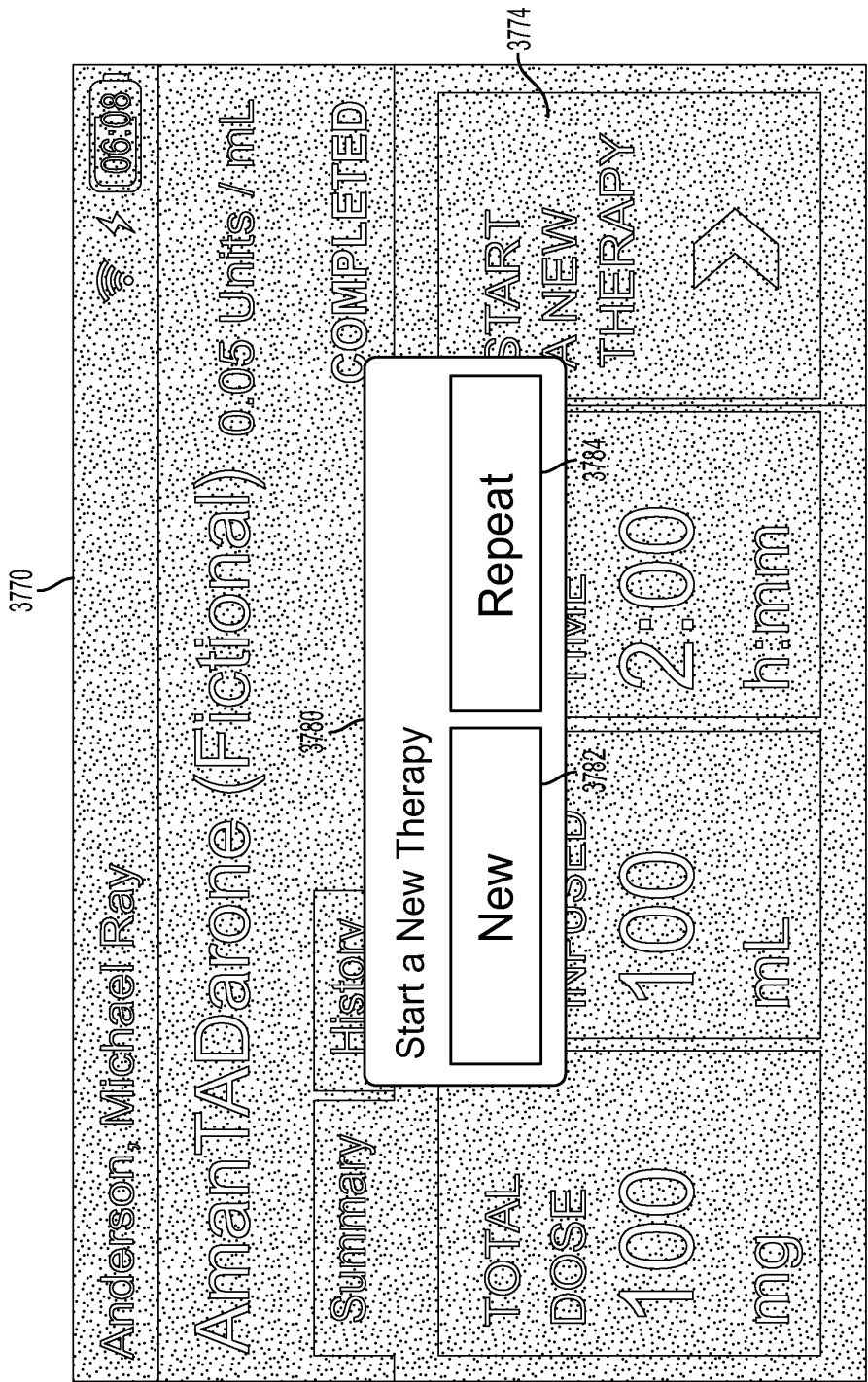


FIG. 255

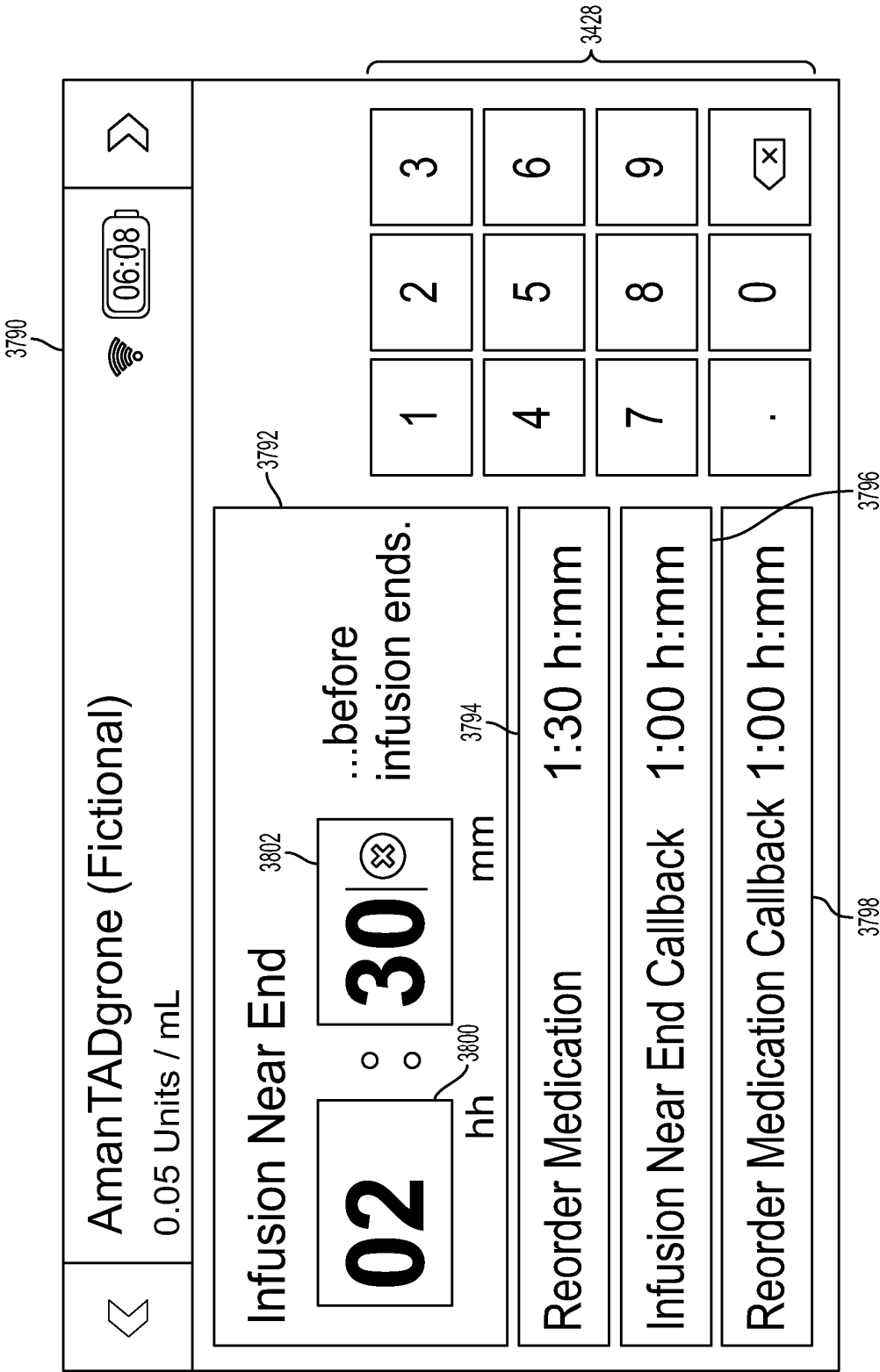


FIG. 256

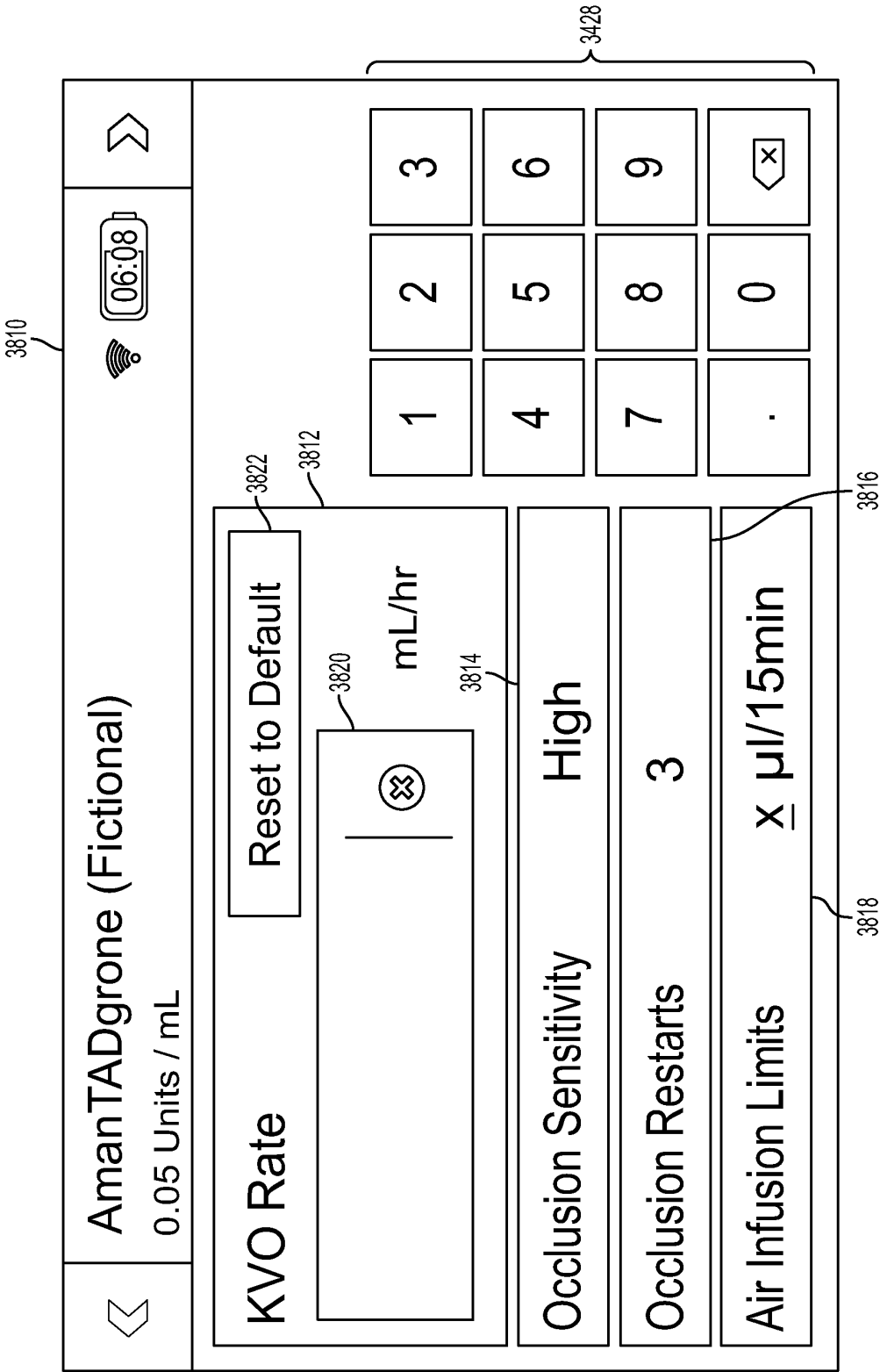


FIG. 257